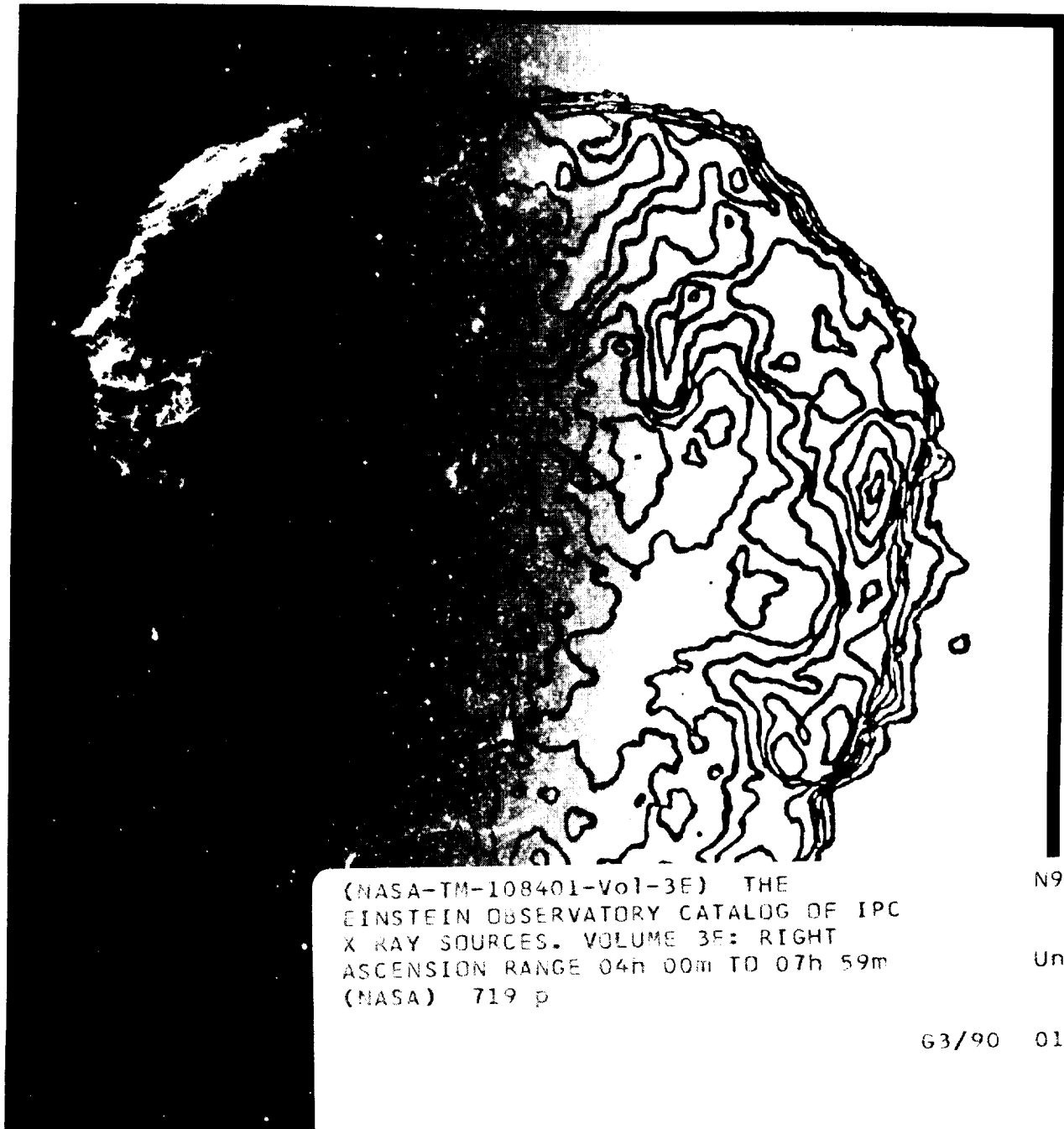


THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES



(NASA-TM-108401-Vol-3E) THE
EINSTEIN OBSERVATORY CATALOG OF IPC
X RAY SOURCES. VOLUME 3E: RIGHT
ASCENSION RANGE 04h 00m TO 07h 59m
(NASA) 719 p

N94-18621

Unclass

G3/90 0195930

SMITHSONIAN ASTROPHYSICAL OBSERVATORY

[Relevant section numbers of Volume 1 are given in square brackets.]

- A) Sequence number of the observation. [5.0]
- B) Right ascension (1950) of the field center.
- C) First contour level (counts arcmin⁻²) and peak value. Successive contours increase by factors of 2. Negative contours are dotted. [4.5]
- D) Numbers of deep survey (DS) and bright Earth (BE) counts contained in the background map which has been subtracted from the data. [4.5]
- E) "Road-map" grid defining detector coordinates. These are required for estimating intensity upper limits. They are not present for observations which include data with "unstable" pointings. [4.6]
- F) Gray scale showing the relative exposure map (dominated by vignetting and the rib support shadows). [4.3]
- G) Intensity map, with detected sources indicated by field number and a cross (also listed in the table below the map). The map has had the background subtracted and has been corrected for vignetting. [4.1, 4.2] The coordinates of the map are R.A. and decl. (1950).
- H) Observation title from "Yellow Book" (Seward and Martenis 1986).
- I) Position of the field center in celestial (B1950 and J2000) and Galactic coordinates. [3.1]
- J) Other field data: start and stop dates [3.2]; live time [3.3]; roll angle of detector (clockwise from north; for zero degrees roll, detector letters are along the bottom of the road map) [3.4]; and the column density of neutral hydrogen in our Galaxy [3.5].
- K) Ref/ID flag: a nonblank entry indicates that a paper has been published on this field or on a source in the field. [3.6; Appendix I]
- L) Field flag [3.7]:
 - B: Background map suspect; may affect MDETECT
 - C: Combined fields: a merged map exists [Appendix J]
 - D: Deletion of one or more detections judged to be spurious [Appendix F]
 - G: Ghost image probably present
 - L: LDETECT only (MDETECT not run)
 - P: Particle-event contamination possible in background
 - S: Source has been missed by the detect algorithms [Appendix G]
 - T: Time correction redone to rectify erroneous dead-time calculation
- M) Catalog number and field number for the sources. An "L" following the field number indicates that the source was found by LDETECT only. [5.1, 5.2]
- N) Corrected count rate, as measured in a 2'x4 box [5.4]. A preceding "*" warns that the intensity may be underestimated [5.8].
- O) Cell counts and the signal to noise ratio of the detection. [5.5, 5.6]
- P) SIZCOR, an intensity correction factor useful in estimating the intensity of extended sources, is the ratio of counts within the 3 σ (lowest) contour to the net cell counts (corrected for the point response function) [5.7]. RECO, the "rib and edge code," when nonzero, indicates that intensity measurements may be underestimated [5.8]. R' is the distance from the source to the field center in arcminutes.
- Q) Source flag [5.10]:
 - A: Additional detection(s) occurred in other field(s). [Appendix H]
 - a: Probably should be paired with another detection, but separation exceeded cutoff and thus not assigned an "A" flag.
 - E: Intensity corrected for source near the exposure cutoff at the field edge.
 - H: A hardness ratio is available [Appendix D]
 - I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.
- R) Ref/ID flag; see (K) above. [5.11]
- S) Volume number and page number

THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES

The *Einstein* Catalog Committee

D. E. Harris (<i>chair</i>)	T. Maccacaro
W. Forman	J. D. McSweeney
I.M. Gioia	F. A. Primini
J.A. Hale	J. Schwarz
F.R. Harnden, Jr.	H. D. Tananbaum
C. Jones	J. Thurman
T. Karakashian	

Smithsonian Astrophysical Observatory
Cambridge, MA, USA

Volume 3

04^{*h*} 00^{*m*}

to

07^{*h*} 59^{*m*}

1990

The graphic inset on the cover was designed by Elizabeth Bohlen. The X-ray contours of the Cygnus Loop were generated by F. Seward from a montage of several IPC observations. The optical photograph is from the Palomar Sky Atlas; ©1960 The National Geographic Society – Palomar Sky Survey. Reproduced by permission of the California Institute of Technology.

The first volume of this seven-volume catalog contains complete documentation for the material that follows. Volumes 2–7 contain the Einstein imaging proportional counter (IPC) observations, ordered by right ascension with 4 hours per volume. Here we provide a short guide to the catalog pages, but the user is referred to Volume 1 for the details of this catalog.

1 The Contour Map

The map is constructed from the BROAD energy band (0.16–3.5 keV), smoothed with a Gaussian of FWHM=75". The data have had background subtracted and vignetting corrections applied. X-ray brightness units are counts arcmin⁻², with contour levels increasing by factors of 2. Dashed contours indicate negative levels (with the same values as the positive contours). The lowest positive contour level is 3 σ above the background at the field center; this level and the peak brightness level in the map are given in the lower left-hand corner.

Sources satisfying the catalog selection criteria (cf. § 2 of Vol. 1) are indicated by crosses, with their field numbers adjoining the cross. The gray scale shows the relative exposure, ranging from 1.0 at the field center (white) to zero under the rib shadows. Although it is difficult for the eye to differentiate between zero and the normal values in the field corners (about 0.25), we have chosen this low-contrast gray scale so that the contours will still dominate the visual impression. The exposure map is zeroed at any location where the effective exposure is < 300 s or < 25% of the value at the field center.

For observations with "stable" pointings, a "road-map" index surrounds the map. This grid of characters defines detector coordinates, and may be used with the tables in Appendix B (Vol. 1) to estimate upper limits for X-ray intensities at arbitrary locations within the field.

In the lower right-hand corner we give the counts in the background maps which were subtracted from the image prior to smoothing the data. "DS BKG CNTS" gives the total counts in the scaled version of the standard background map made from a superposition of deep survey fields. "BE BKG CNTS" specifies the contribution (positive or negative) to the background map from the standard "bright Earth" background.

2 Field Description

Beneath the contour diagram are parameters pertaining to the observation. The observation title was taken from the "Yellow Book" (Seward and Martenis, 1986), which is known to contain a few misnamed sequences. Titles preceded by "(?)" appear in Table 3.0 (cf. § 3.0 of Vol. 1), which lists possibly misleading titles. The coordinates of the field center are given for two epochs, B1950 and J2000, as well as in Galactic coordinates. The date entry gives the start day and stop day of the observation in yyyy/dd format. The "live time" is the data-acquisition time corrected for telemetry dead-time effects. The roll angle is given for observations with stable pointings, and is the angle which specifies the orientation of the detector on the sky, with positive values indicating clockwise rotation when looking at the sky, starting from north as zero degrees. For a roll angle of zero, the "narrowest edge area" (i.e., outside the shadow of the entrance window support "ribs"; cf. Vol. 1) lies horizontally along the top of the map; the numbered detector coordinate scale runs down the left side; and the lettered scale is on the bottom, running from left to right.

The column density of neutral hydrogen in our Galaxy for the pointing direction, given as the " N_H " parameter, has been integrated from radio observations of the HI line. The "Ref/ID" flag, if present, alerts the reader that Appendix I of Volume 1 contains an entry referring to a publication dealing with this observation. The field flag is used to describe certain conditions which are listed at the end of this introduction.

3 The Source Table

Whenever sources have been detected (at signal-to-noise ratios ≥ 3.5 , in the BROAD energy band), a source table is present below the field description. The catalog number identifies unique sources in this catalog. The field number should be considered an "internal" catalog parameter to be used to facilitate the correlation of contour map features with their entries in the source table and to locate source information in the appendices. "External" references to sources should use the IAU conventions or the catalog number, both preceded by "2E," which is the adopted prefix for this catalog (see Vol. 1, §1.5).

The count rate (with its 1σ uncertainty) refers to that measured in the standard detect cell (2'.4 on a side) and has been corrected for telescope vignetting as well as for the standard scattering correction. The net and background counts also refer to the standard detect cell and are provided to assist users in evaluating source reliability. The signal-to-noise ratio of the detection is also given.

The size correction ("SIZCOR") is a multiplicative factor useful in estimating the intensity of sources which are much more extended than the resolution of the maps (approximately 2' FWHM). RECO is the "rib and edge code" and, when nonzero, alerts the user to the condition that the source intensity measurement may be affected by shadowing of the window support structure (ribs) or proximity to a detector edge. The distance of the source from the field center is given in arcminutes by R' .

The source flag is a one letter indicator denoting certain conditions described below, and the "ID" flag, when present, indicates that references to published papers concerning the source can be found by consulting Appendix I (Vol. 1).

4 Meaning of the Flags

Complete descriptions of the purpose and meaning of the various flags is given in Volume 1; here we give only a brief summary.

Ref/ID FLAGS

AGN	Active galactic nucleus
BL	BL Lac object
CLG	Cluster of galaxies or group of galaxies
CV	Cataclysmic variable
G	Galaxy
GLB	Globular cluster
P	Pulsar
Q	Quasar
RS	Radio source (optical type not specified)
S	Star
SNR	Supernova remnant
SY	Seyfert galaxy
*	Unspecified type: indicates separation $< 100''$
†	Unspecified type: indicates separations between $100''$ and $150''$
!	Unspecified type of (undetected) source(s) in the field

FIELD FLAGS

- B — Background is suspect; not a reference to further information. For a very few sequences, the MDETECT background map seemed unsuccessful in representing the true background. In these rare cases, the reliability of MDETECT sources (and the values of SIZCOR) may have been affected.
- C — Combined to form merged field. The current observation has been merged with one or more additional pointings to produce a combined map with a "new" sequence number. Results of the merged analyses appear in Appendix J, but in order to preserve statistical independence they were not included in the IPC source list (Vol. 1).
- D — Deleted detections. One or more detections have been deleted from this field and are listed in Appendix F of Volume 1. Such detections (primarily within extended emission regions such as supernova remnants and clusters) were deleted from the catalog because they were judged to be spurious.

- G — Ghost image (probably) present. See Appendix A of Volume 1 for a description of this effect due to bright sources just outside the IPC field of view.
- L — LDETECT only; not a reference to further information. Reasons for not running the MDETECT detection algorithm are discussed in Appendix A of Volume 1.
- P — Particle-event contamination of the background.
- S — Sources missed. One or more known sources in this field were missed by the detection algorithms. A list of such sources appears in Appendix G of Volume 1.
- T — Time correction made. The dead-time correction used in Rev1B was in error by 3% or more (occurred for 84 IPC sequences); this sequence has been reprocessed to obtain the proper live time.

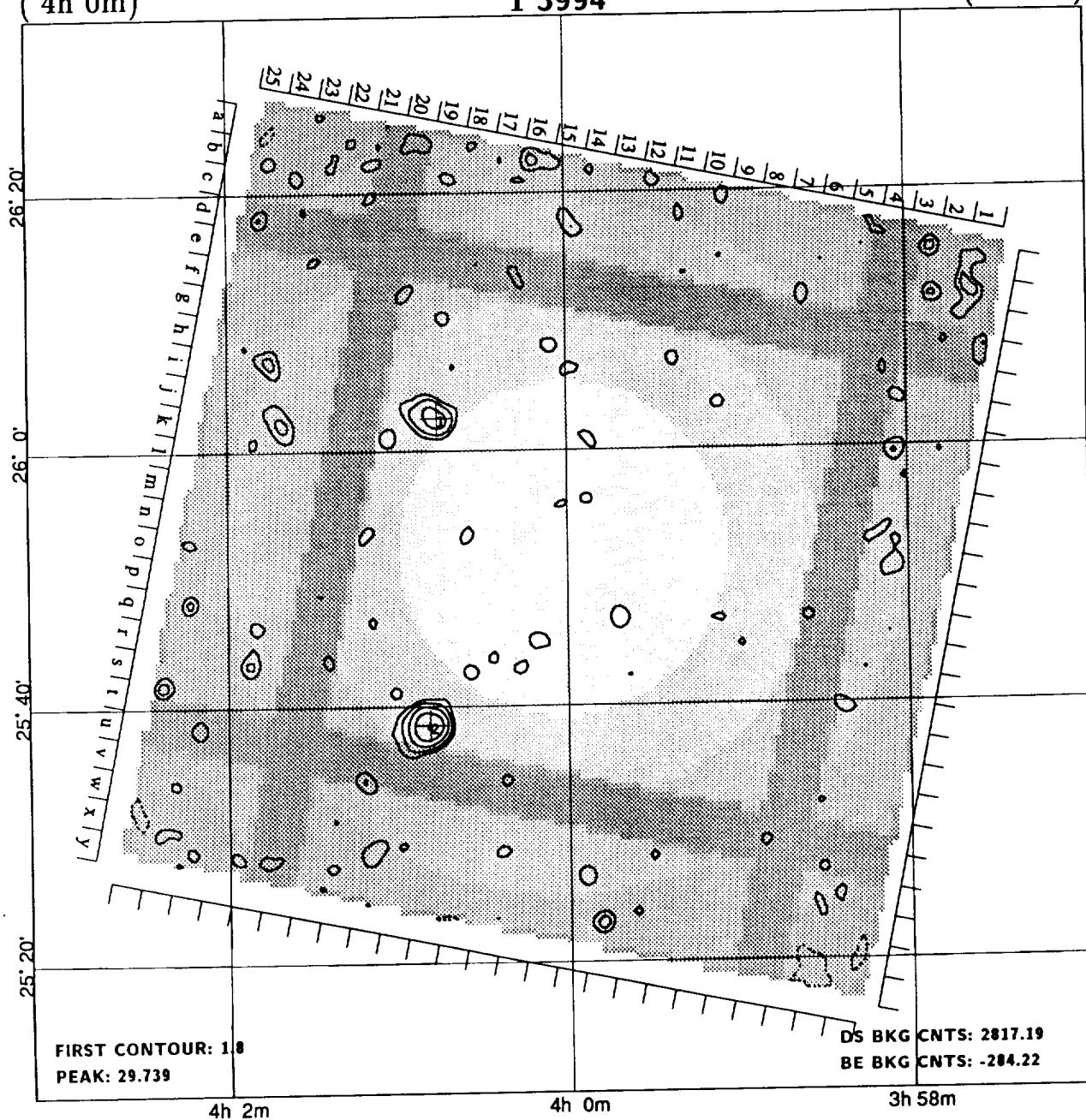
SOURCE FLAGS

- A: Additional detection(s) occurred in other field(s).
- a: Probably should be paired with another detection, but separation exceeded cutoff; thus not assigned an “A” flag.
- E: Intensity corrected for source near the exposure cutoff at the field edge.
- H: A hardness ratio is available (cf. Appendix D of Vol. 1).
- I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.

(4h 0m)

I 3994

(4h 0m)



0400+258, OPTICALLY-QUIET COMPACT RADIO SOURCE

FIELD CENTER: 04^h00^m03.6^s 25°51'46" (B1950)
04^h03^m05.6^s 26°00'01" (J2000)
ℓ: 168.03 b: -19.65

DATE: 1980/ 52 - 1980/ 52
LIVETIME: 2282.8s
ROLL ANGLE: 101.4°

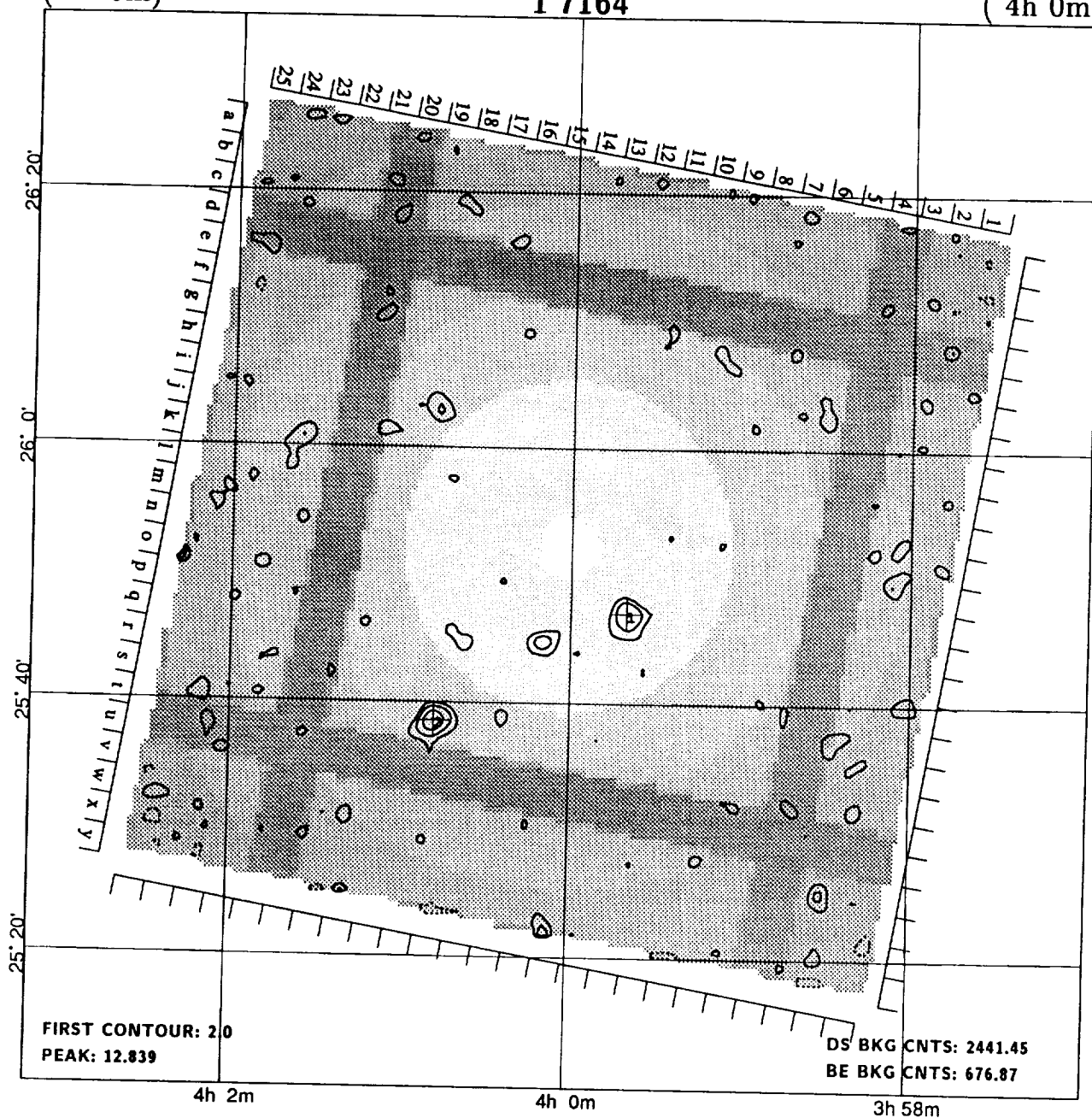
NH: 7.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
926	1	04 00 46.0	26 02 30	42	0.0265	0.0047	36.5	4.5	5.7	1.2	0	14.7	H
927	2	04 00 49.0	25 38 32	48	0.0748	0.0079	94.4	4.6	9.5	1.1	400	16.7	AH

(4h 0m)

I 7164

(4h 0m)



FIELD CENTER: 04^h00^m03.6^s 25°51'46" (B1950)
04^h03^m05.6^s 26°00'01" (J2000)
ℓ: 168.03 b: -19.65

DATE: 1981/ 37 - 1981/ 37
LIVETIME: 1978.4s
ROLL ANGLE: 100.0°

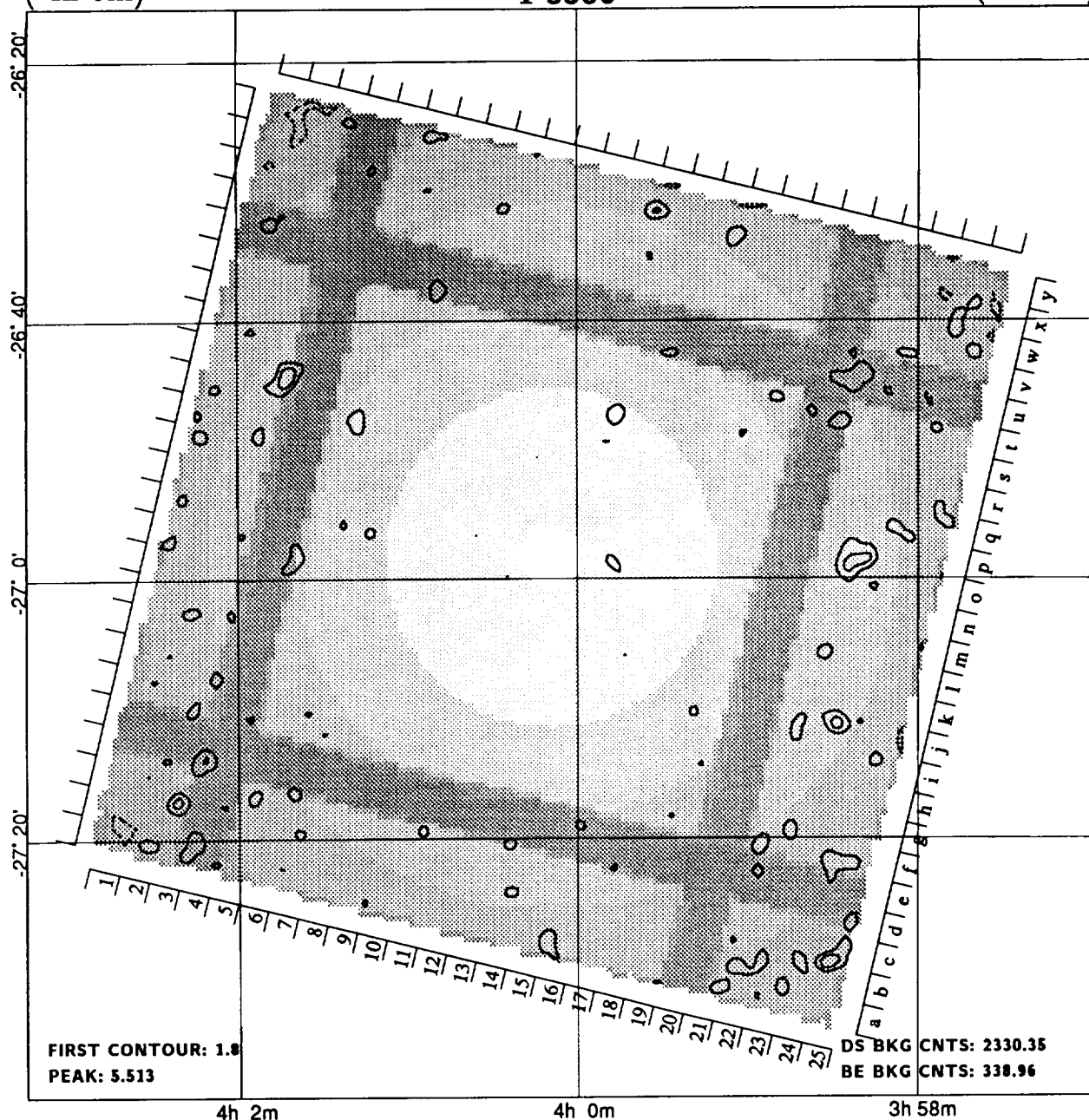
NH: 7.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
923	1	03 59 40.2	25 47 05	42	0.0202	0.0044	27.8	8.2	4.6	0.9	0	7.0	H
927	2	04 00 48.0	25 38 33	51	0.0272	0.0055	29.9	6.1	5.0	0.9	200	16.7	AH

(4h 0m)

I 8386

(4h 0m)



CLUSTER 419, ADDITIONAL SOUTHERN HIGH REDSHIFT CLUSTERS

FIELD CENTER: 04^h00^m06.0^s -26°57'59" (B1950)
04^h02^m10.3^s -26°49'42" (J2000)
 l : 223.89 b : -47.77

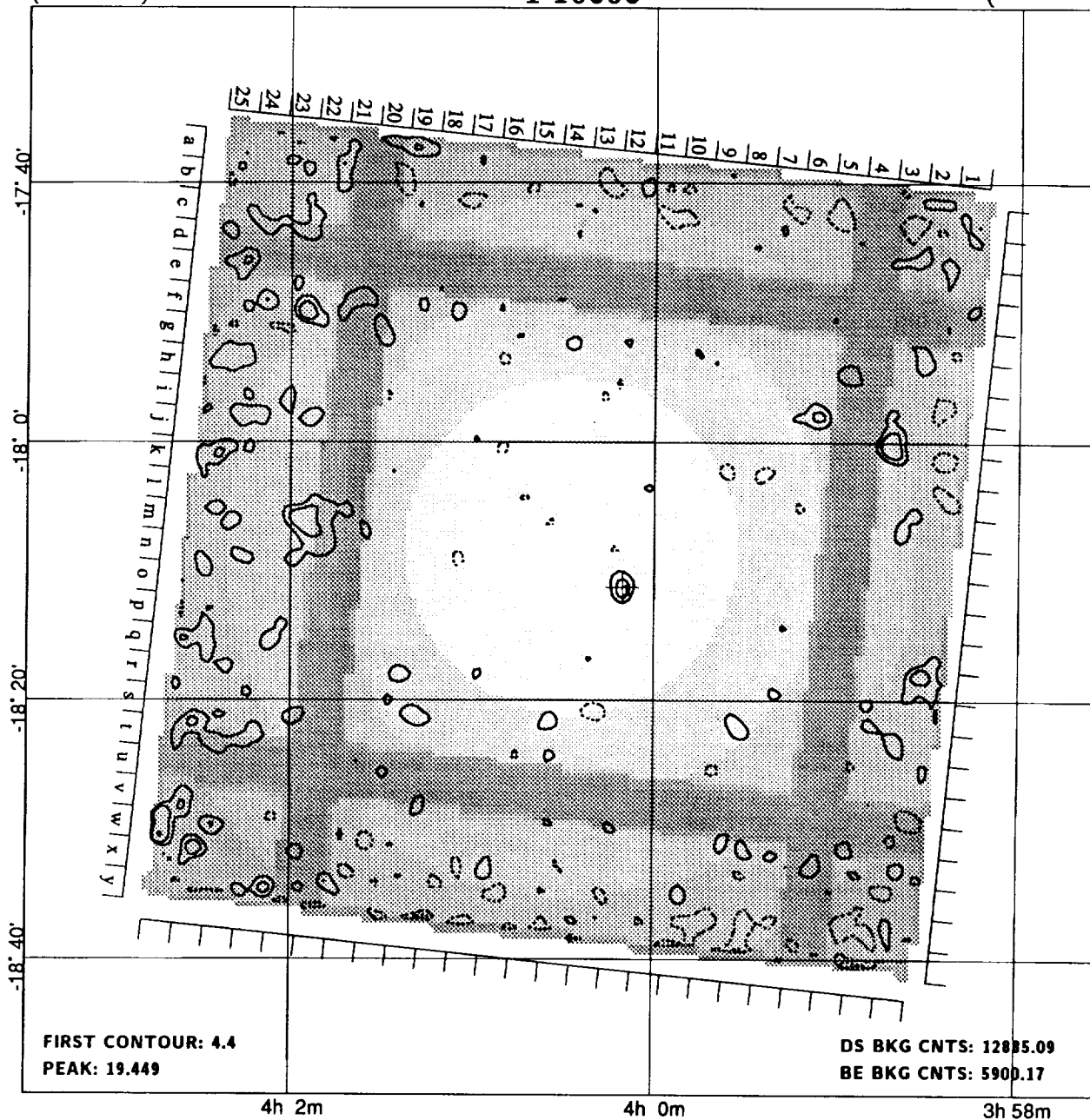
DATE: 1980/224 - 1980/224
LIVETIME: 1888.3s
ROLL ANGLE: -76.3°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:

(4h 0m)

I 10606

(4h 0m)

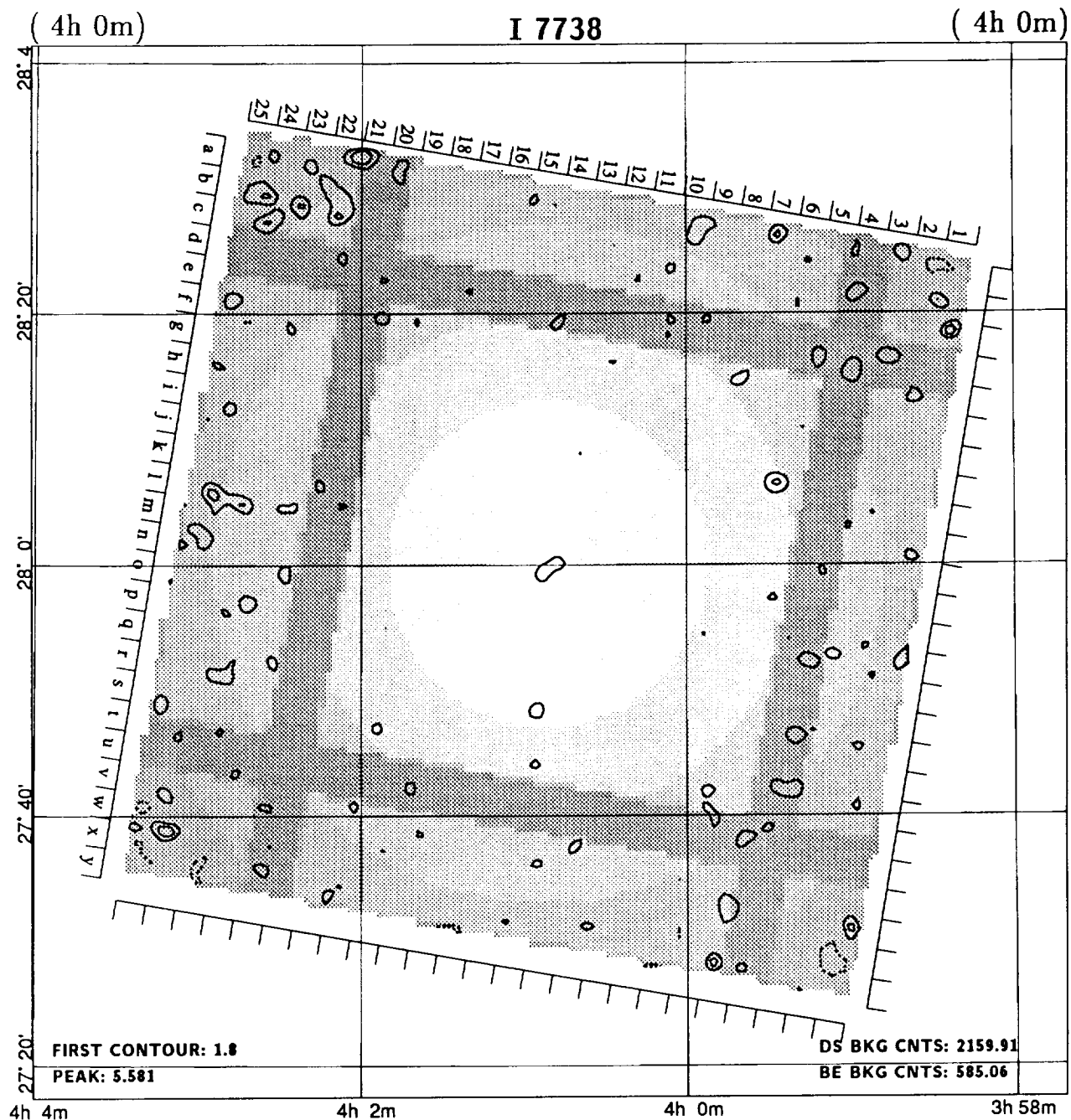


FIELD CENTER: 04^h00^m29.5^s -18°08'29" (B1950)
04^h02^m44.3^s -18°00'14" (J2000)
ℓ: 211.63 b: -45.17

DATE: 1981/ 56 - 1981/ 57
LIVETIME: 10441.2s
ROLL ANGLE: 95.8°

NH: 2.1E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
925	1L	04 00 10.5	-18 11 08	41	0.0074	0.0016	55.0	37.0	4.6	0.6	0	5.3	



HD 25487, INTERACTING CLOSE BINARY SYSTEMS

FIELD CENTER: 04^h00^m51.0^s 27°59'29" (B1950)
 04^h03^m55.8^s 28°07'41" (J2000)
 ℓ : 166.60 b : -18.00

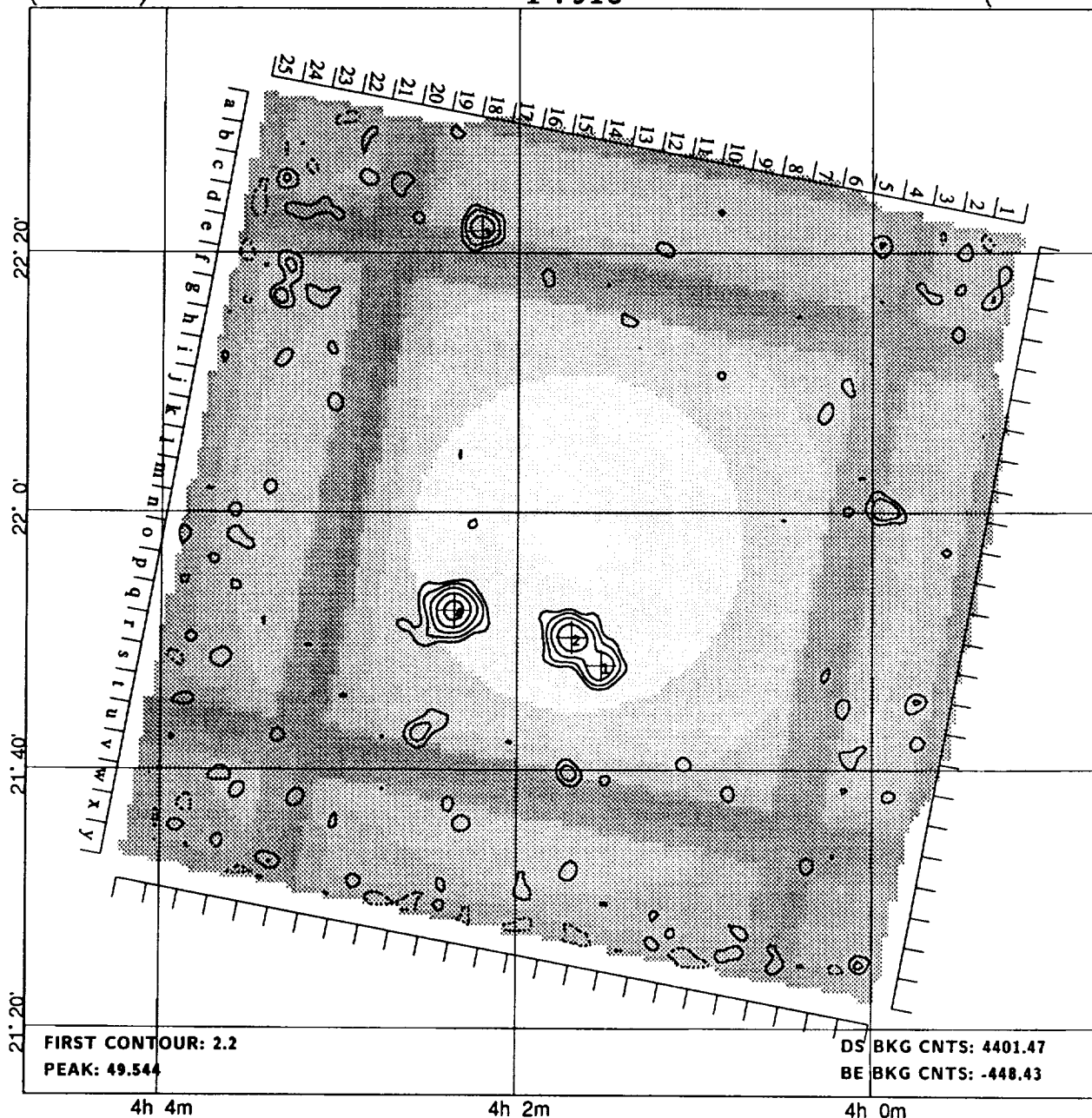
DATE: 1981/ 40 - 1981/ 41
 LIVETIME: 1750.2s
 ROLL ANGLE: 99.8°

NH: 7.1E+20
 REF/ID:
 FIELD FLAGS:

(4h 1m)

I 7918

(4h 1m)



HD 25604, CORONAL ACTIVITY IN F, G, & K STARS

FIELD CENTER: $04^h 01^m 44.1^s$ $21^\circ 56' 48''$ (B1950)
 $04^h 04^m 41.4^s$ $22^\circ 04' 57''$ (J2000)
 $l: 171.28$ $b: -22.15$

DATE: 1981/ 32 - 1981/ 32

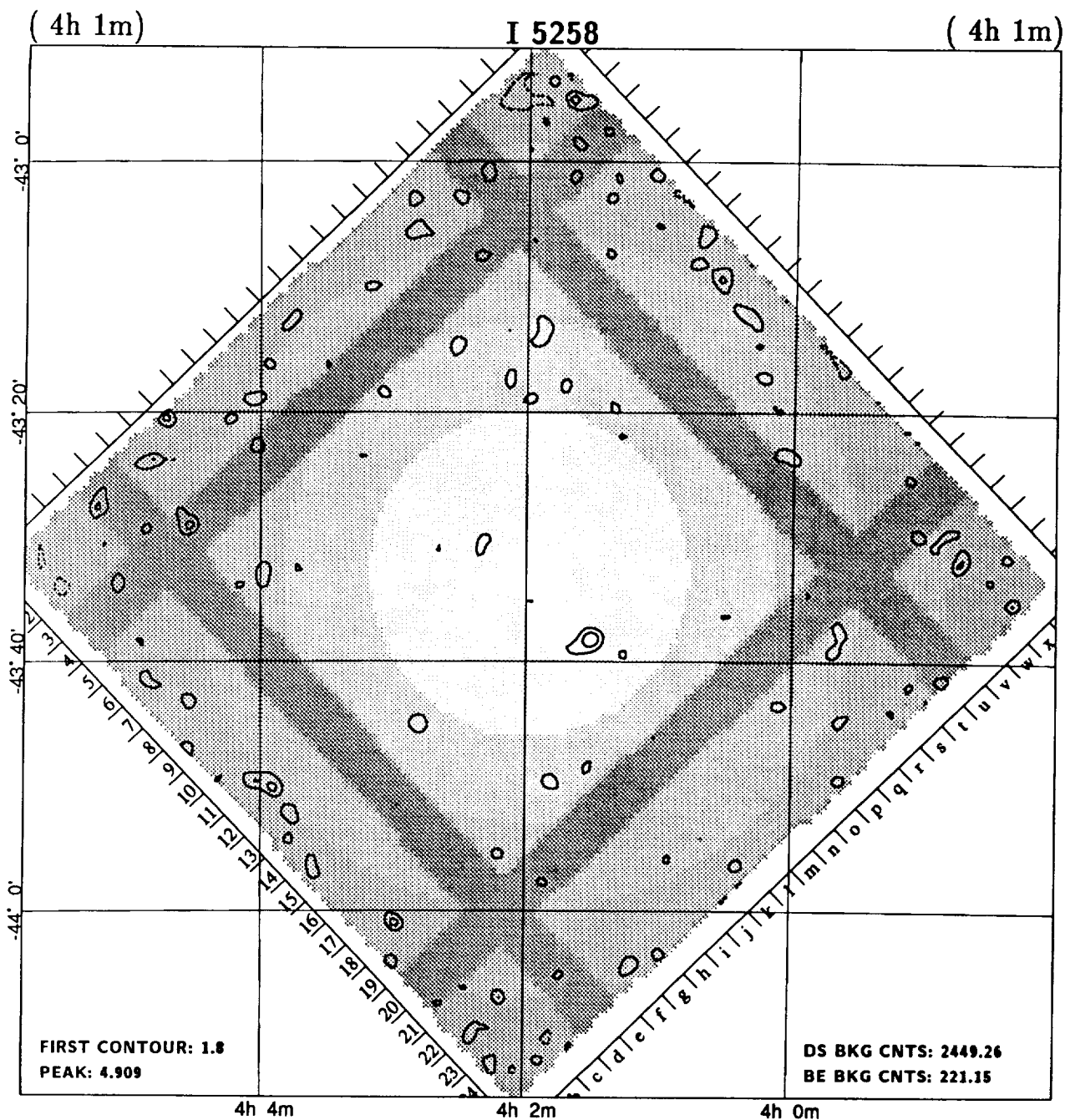
LIVETIME: 3566.6s

ROLL ANGLE: 100.8° NH: $1.2E+21$

REF/ID:

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
929	1L	04 01 31.6	21 48 08	41	0.0173	0.0042	41.6	28.4	4.0	3.4	0	9.1	H	
930	2	04 01 41.6	21 50 21	38	0.0501	0.0046	124.8	9.2	10.8	1.7	0	6.3	H	
932	3	04 02 12.5	22 21 41	51	*0.0215	0.0041	32.5	5.5	5.3	0.9	804	25.8	H	
933	4	04 02 21.4	21 52 25	38	0.0738	0.0057	172.7	8.3	12.8	1.2	0	9.7	H	S



NGC 1510,X-RAY AND OPTICAL STUDY OF NEARBY EMISSION-LINE GALAXIES

FIELD CENTER: 04^h01^m54.0^s -43°32'59" (B1950)
 04^h03^m32.5^s -43°24'48" (J2000)
 l : 248.78 b : -48.22

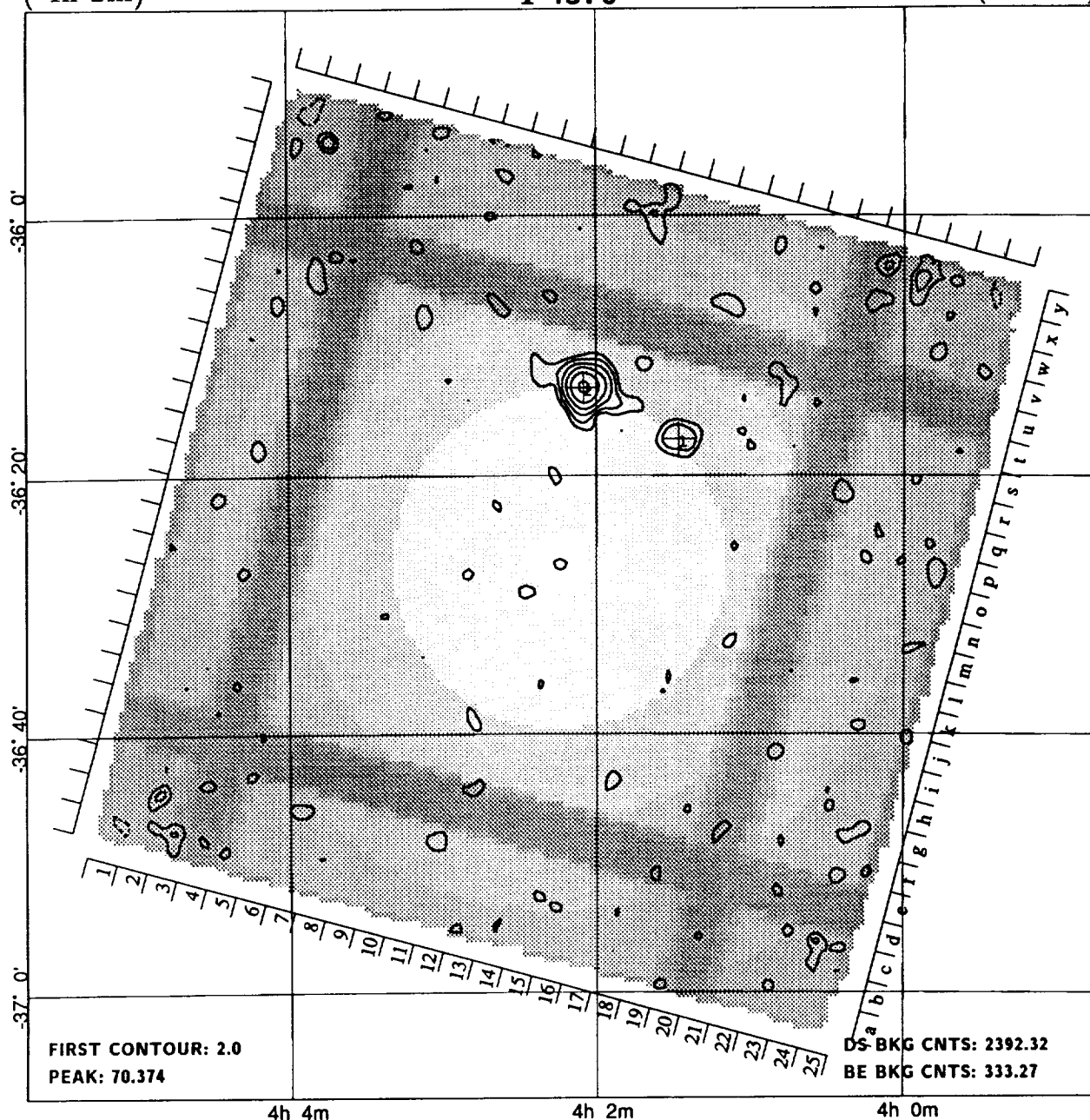
DATE: 1980/201 - 1980/201
 LIVETIME: 1984.7s
 ROLL ANGLE: -43.9°

NH: 1.9E+20
 REF/ID:
 FIELD FLAGS:

(4h 2m)

I 4576

(4h 2m)



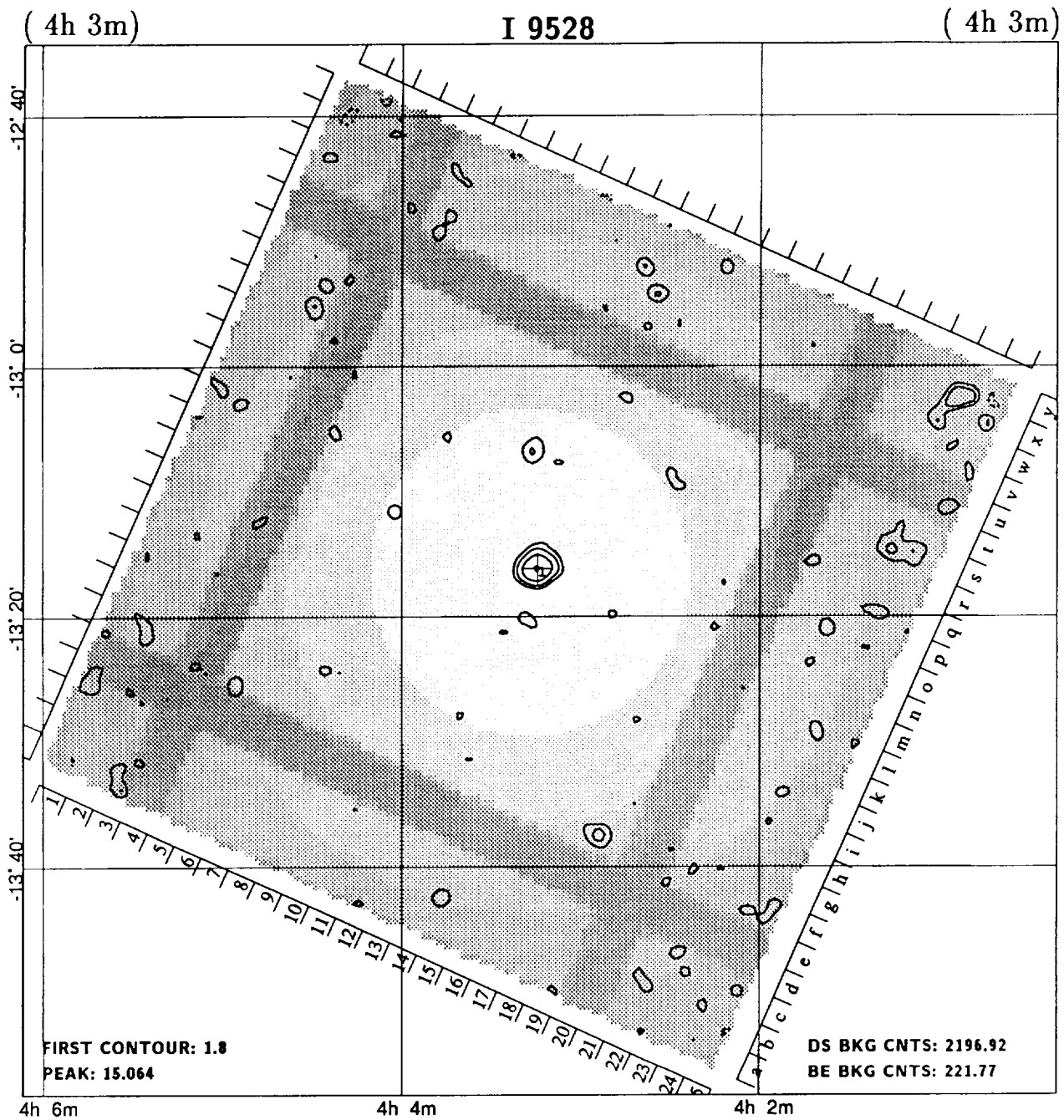
H0355-37 LOCATION

FIELD CENTER: $04^{\text{h}}02^{\text{m}}13.0^{\text{s}}$ $-36^{\circ}26'05''$ (B1950)
 $04^{\text{h}}04^{\text{m}}03.8^{\text{s}}$ $-36^{\circ}17'56''$ (J2000)
 $l: 238.07$ $b: -48.46$

DATE: 1980/227 - 1980/227
 LIVETIME: 1938.6s
 ROLL ANGLE: -74.9°

NH: $8.1\text{E}+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
928	1	04 01 27.7	-36 17 15	42	0.0235	0.0048	28.2	5.8	4.8	0.9	0	12.6	H
931	2	04 02 05.0	-36 13 18	38	0.182	0.012	218.3	5.7	14.6	1.3	0	13.0	H



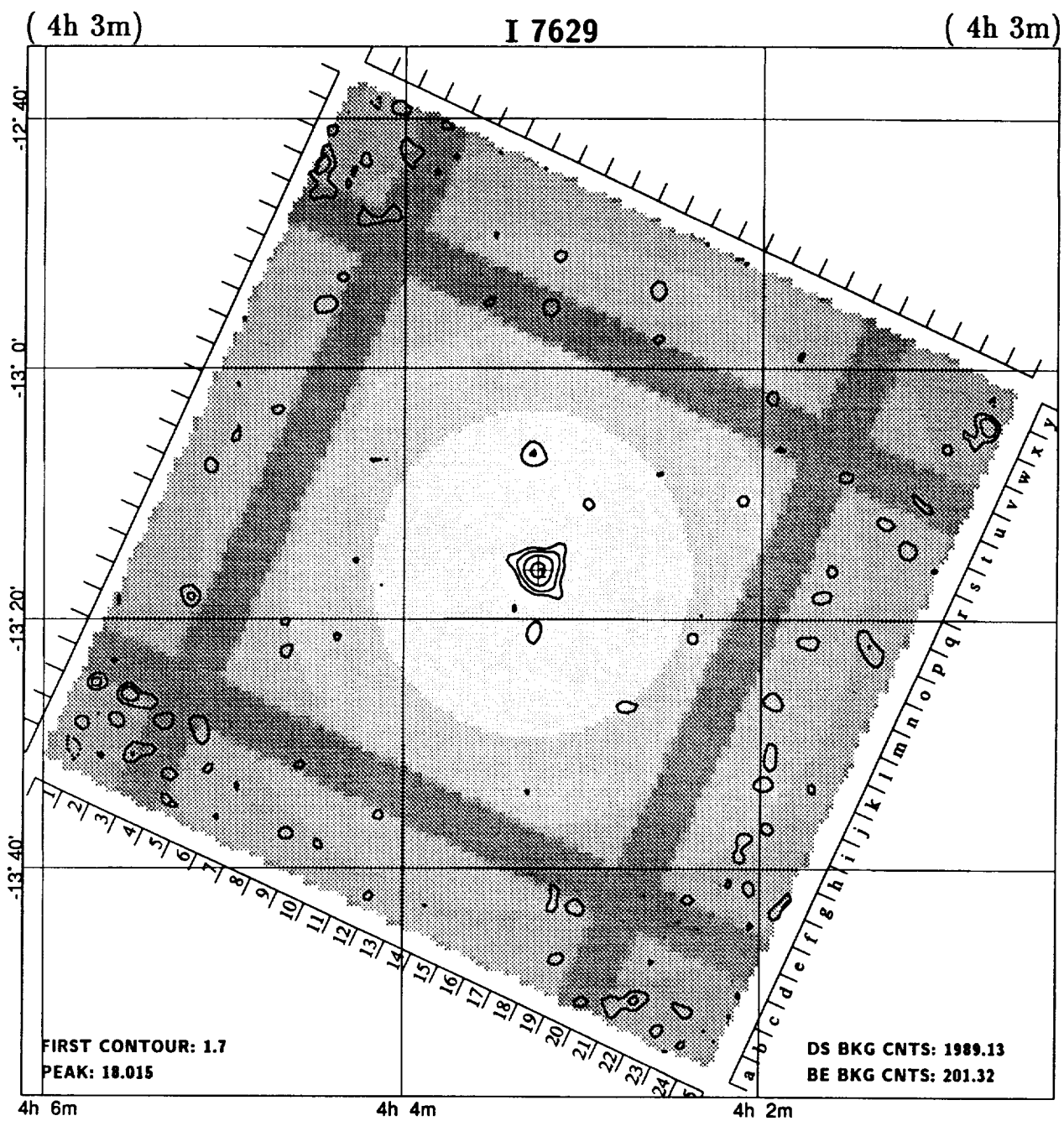
PKS 0403-13, OPTICALLY VIOLENT VARIABLE QUASARS & BL LAC OBJECTS

FIELD CENTER: $04^h 03^m 13.9^s$ $-13^\circ 16' 17''$ (B1950)
 $04^h 05^m 33.9^s$ $-13^\circ 08' 13''$ (J2000)
 $l: 205.76$ $b: -42.65$

DATE: 1980/229 - 1980/229
 LIVETIME: 1780.2s
 ROLL ANGLE: -65.9°

NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
935	1	04 03 14.4	-13 16 09	35	0.0461	0.0062	61.1	5.9	7.5	1.0	0	0.2	AH	Q



PKS0403-13, OPTICALLY VIOLENT VARIABLE QUASARS AND BL LAC OBJECTS

FIELD CENTER: $04^h 03^m 14.0^s$ $-13^\circ 16' 17''$ (B1950)
 $04^h 05^m 34.0^s$ $-13^\circ 08' 13''$ (J2000)
 $l: 205.76$ $b: -42.65$

DATE: 1980/228 - 1980/228
 LIVETIME: 1611.8s
 ROLL ANGLE: -65.3°

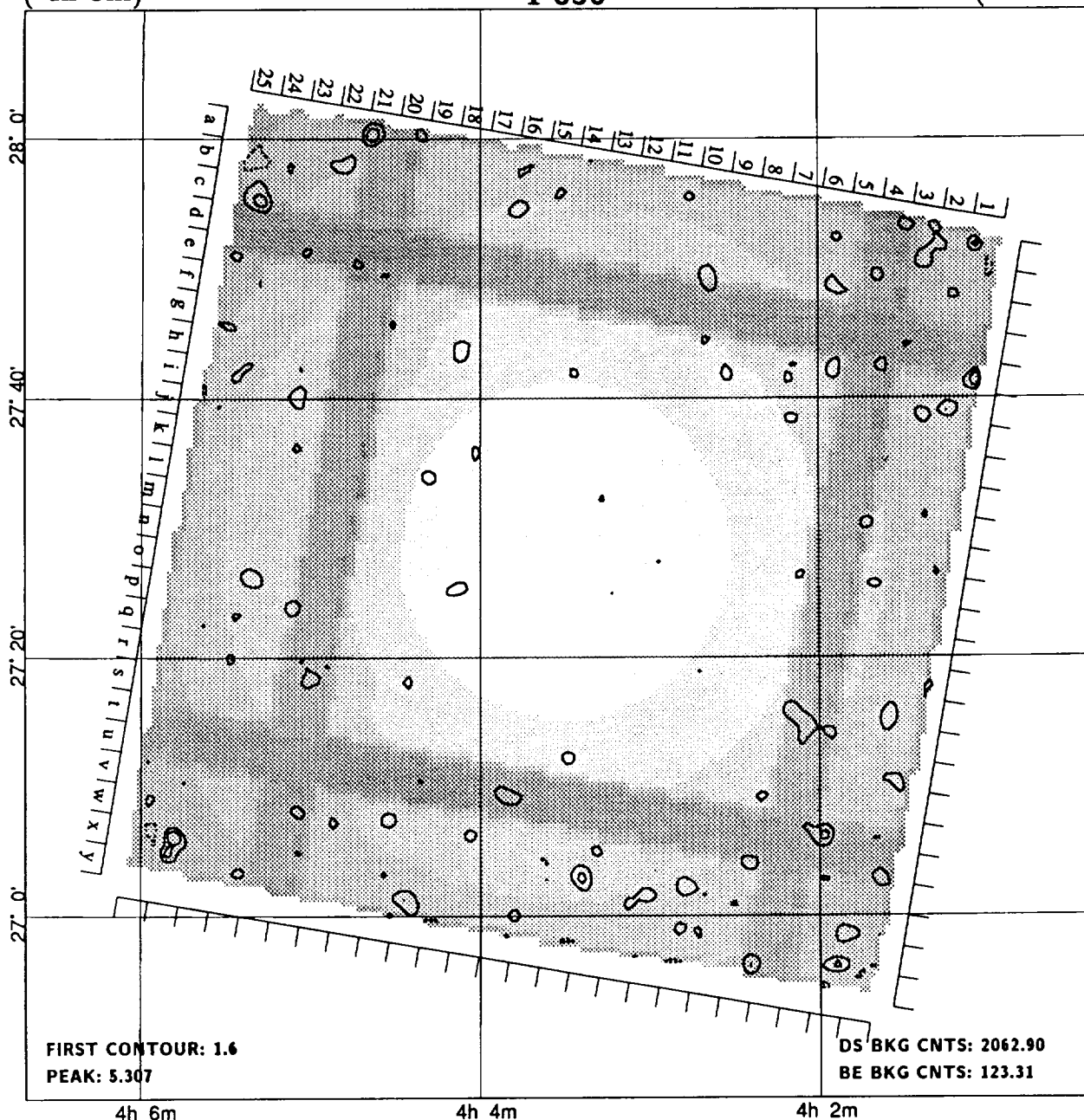
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
935	1	04 03 15.1	-13 16 02	32	0.0548	0.0070	65.8	5.2	7.8	1.1	0	0.6	AH	Q

(4h 3m)

I 836

(4h 3m)



41 TAU (HD25823) STELLAR OBSERVATIONS, A STARS

FIELD CENTER: $04^h 03^m 32.1^s$ $27^\circ 27' 59''$ (B1950)
 $04^h 06^m 36.4^s$ $27^\circ 36' 01''$ (J2000)
 $l: 167.43$ $b: -17.96$

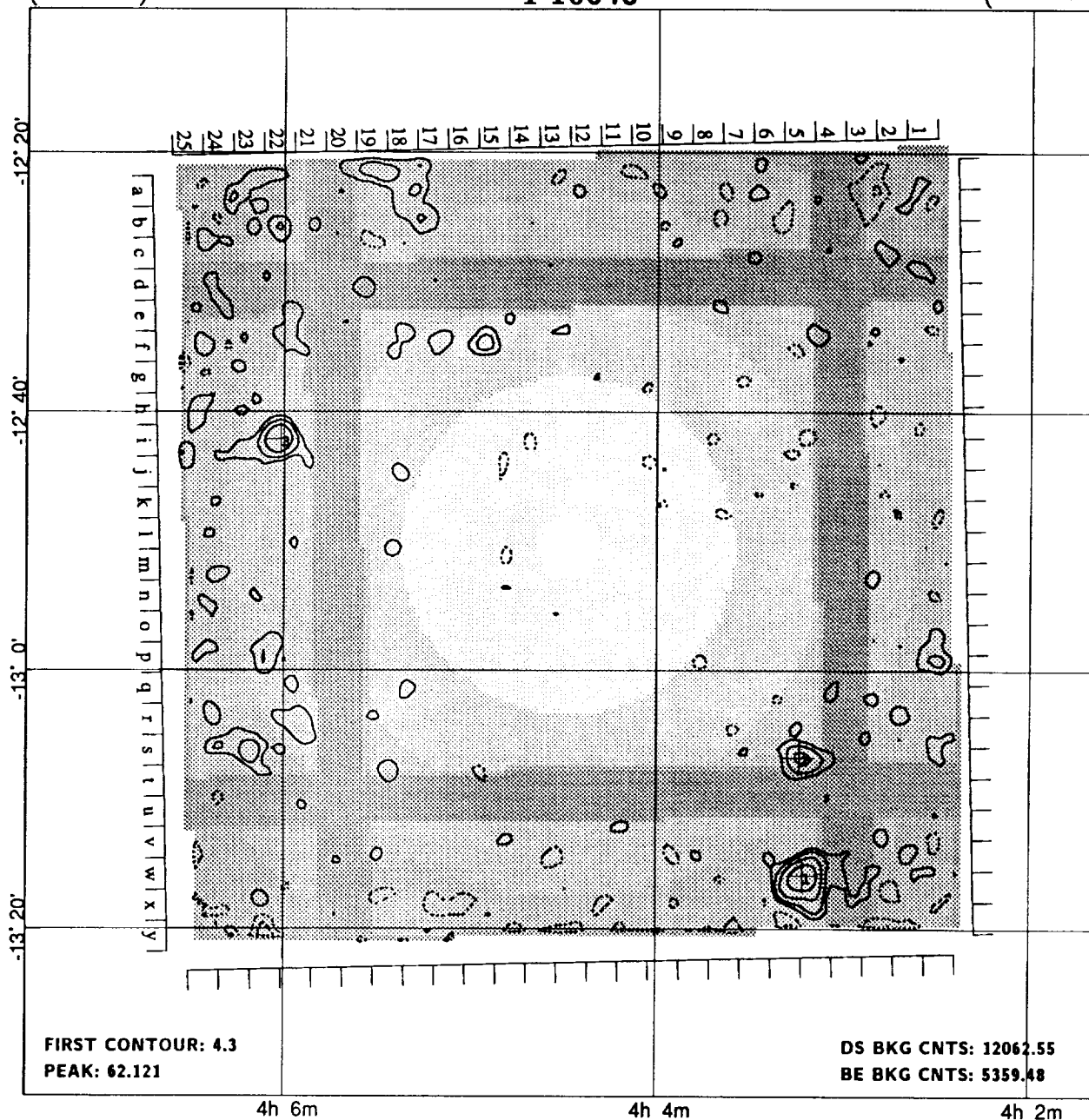
DATE: 1981/ 41 - 1981/ 41
 LIVETIME: 1671.6s
 ROLL ANGLE: 99.6°

NH: $7.3E+20$
 REF/ID:
 FIELD FLAGS:

(4h 4m)

I 10648

(4h 4m)



FIELD CENTER: 04^h04^m30.0^s -12°50'59" (B1950)
04^h06^m50.4^s -12°43'00" (J2000)
 ℓ : 205.43 b : -42.19

DATE: 1981/ 71 - 1981/ 71
LIVETIME: 9774.6s
ROLL ANGLE: 88.7°

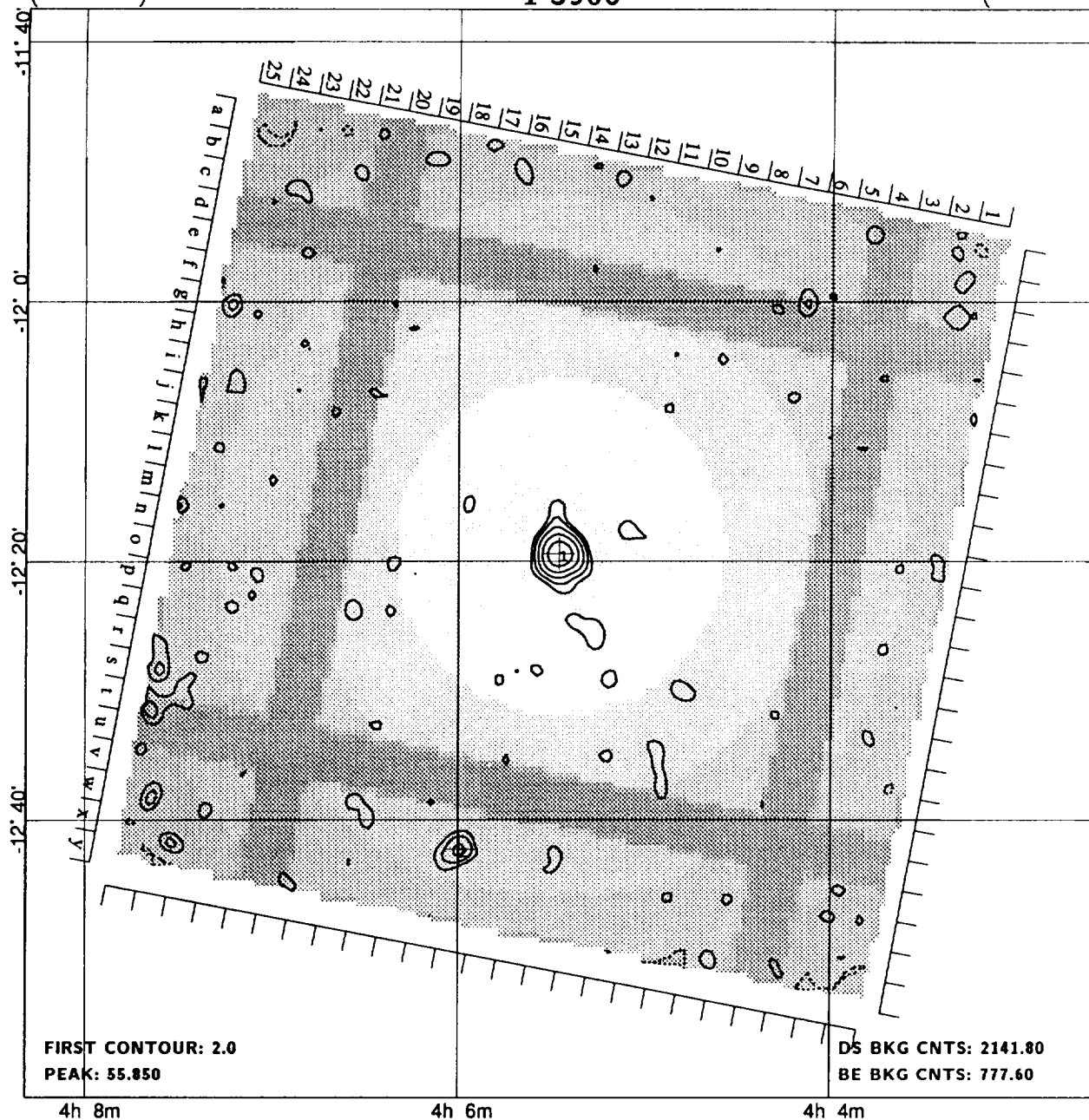
NH: 3.3E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
935	1L	04 03 12.8	-13 15 51	48	0.0254	0.0046	81.1	52.9	5.4	1.3	500	31.2	A	Q
934	2L	04 03 13.9	-13 06 43	51	*0.0128	0.0033	55.1	27.4	3.6	1.0	1003	24.4		
939	3L	04 06 01.1	-12 42 03	50	0.0187	0.0029	81.2	32.8	6.3	1.2	0	23.9	A	

(4h 5m)

I 3906

(4h 5m)



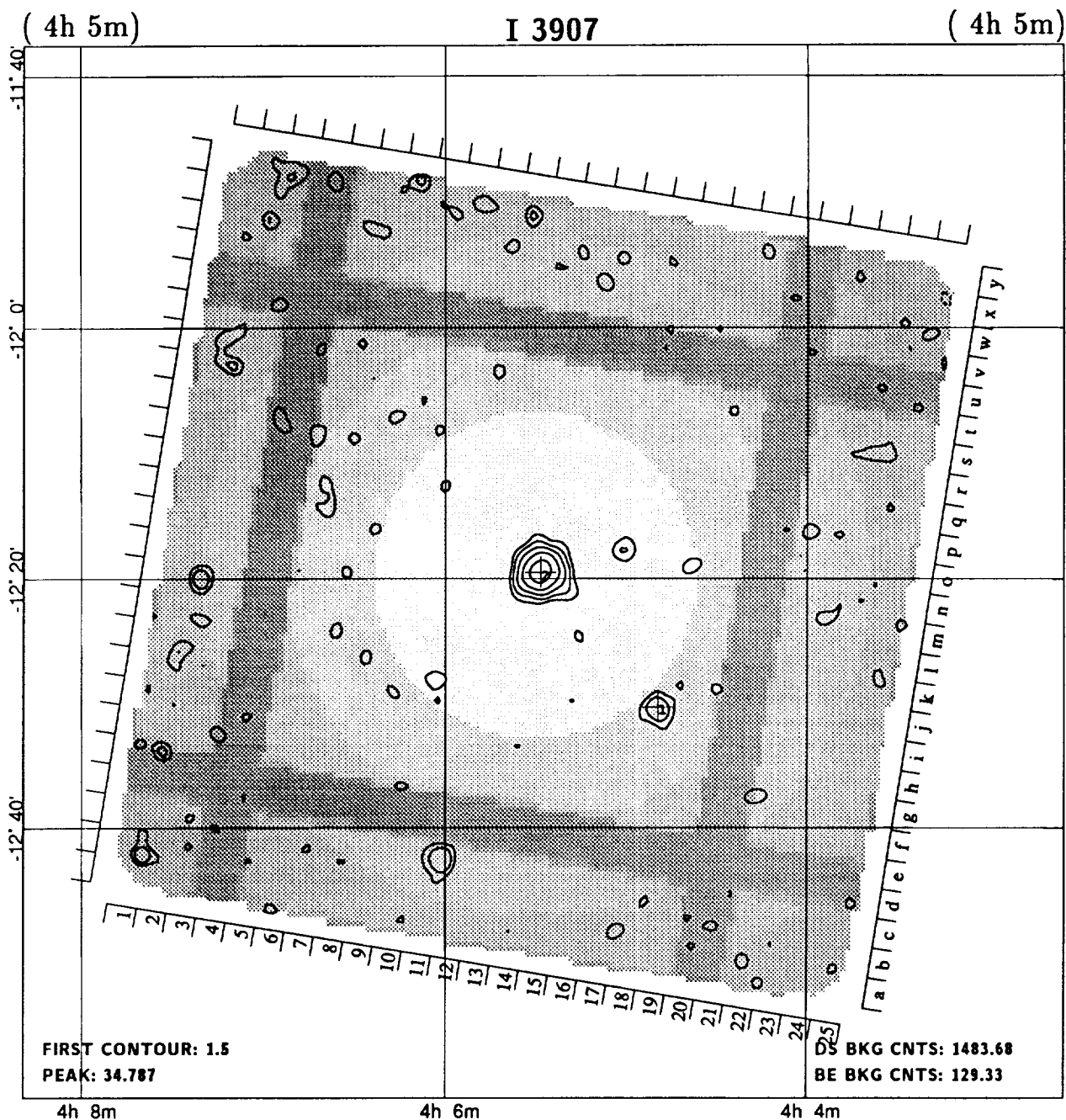
PKS 0405-123, LOW-FREQUENCY VARIABLE RADIO SOURCE

FIELD CENTER: $04^h 05^m 27.1^s$ $-12^\circ 19' 33''$ (B1950)
 $04^h 07^m 48.0^s$ $-12^\circ 11' 37''$ (J2000)
 $l: 204.93$ $b: -41.76$

DATE: 1980/ 38 - 1980/ 38
 LIVETIME: 1735.6s
 ROLL ANGLE: 100.7°

NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
938	1	04 05 27.5	-12 19 25	31	0.173	0.012	224.5	7.5	14.7	1.1	0	0.2	AH	
939	2	04 05 59.6	-12 42 17	54	0.0240	0.0063	18.2	4.8	3.8	0.8	0	24.1	AH	



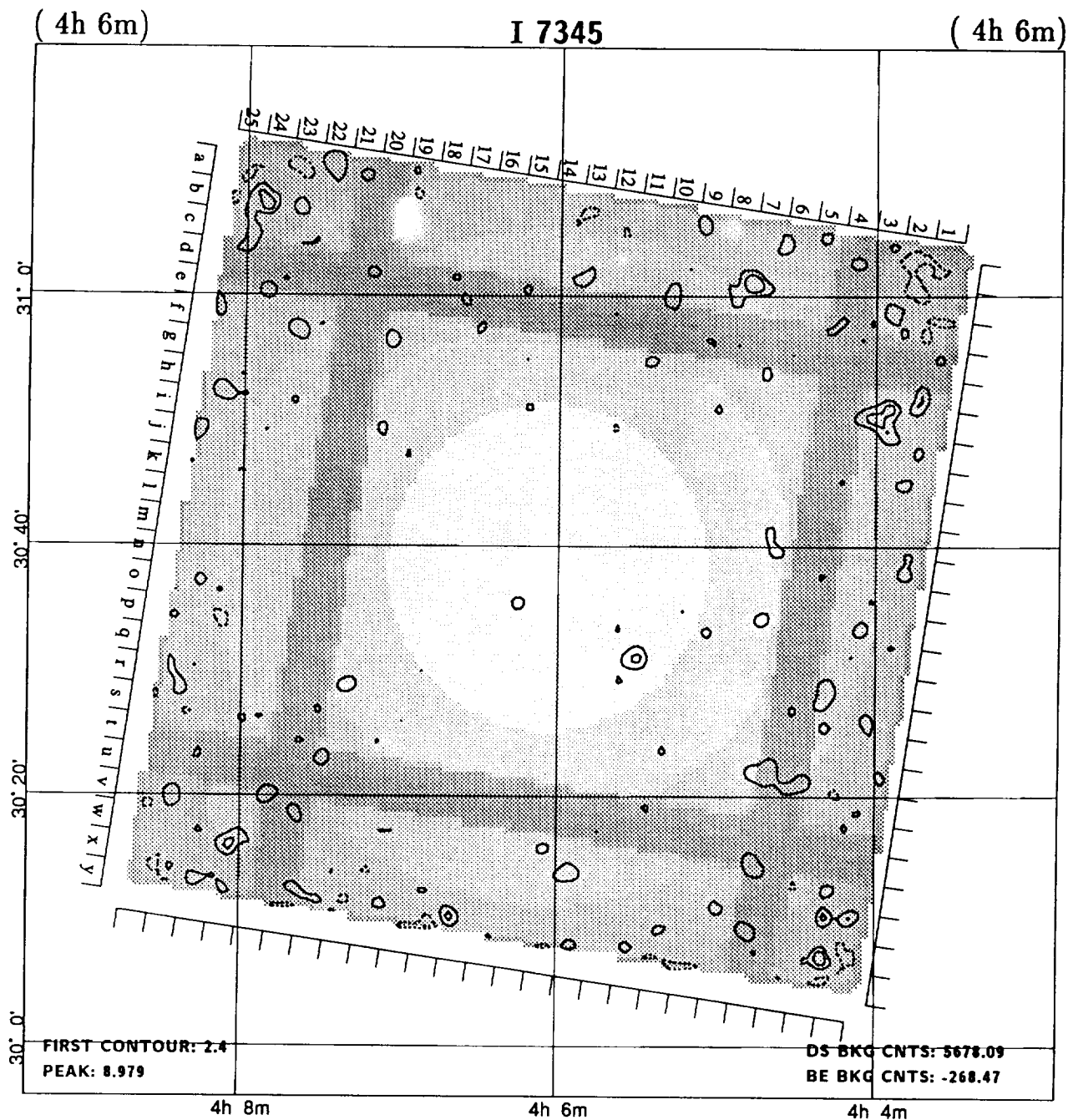
PKS 0405-123, LOW-FREQUENCY VARIABLE RADIO SOURCE

FIELD CENTER: 04^h05^m27.1^s -12°19'33" (B1950)
04^h07^m48.0^s -12°11'37" (J2000)
 ℓ : 204.93 b : -41.76

DATE: 1980/220 - 1980/220
LIVETIME: 1202.3s
ROLL ANGLE: -80.8°

NH: 3.7E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
936	1	04 04 49.3	-12 30 22	43	0.0224	0.0060	16.2	2.8	3.7	0.8	0	14.0	H
938	2	04 05 28.4	-12 19 31	31	0.173	0.014	155.0	4.0	12.3	1.3	0	0.4	AH



NGC 1514, CLOSE BINARY PL. NEBULA NUCLEUS

FIELD CENTER: 04^h06^m06.0^s 30°37'53" (B1950)
04^h09^m14.7^s 30°45'45" (J2000)
 ℓ : 165.54 b : -15.30

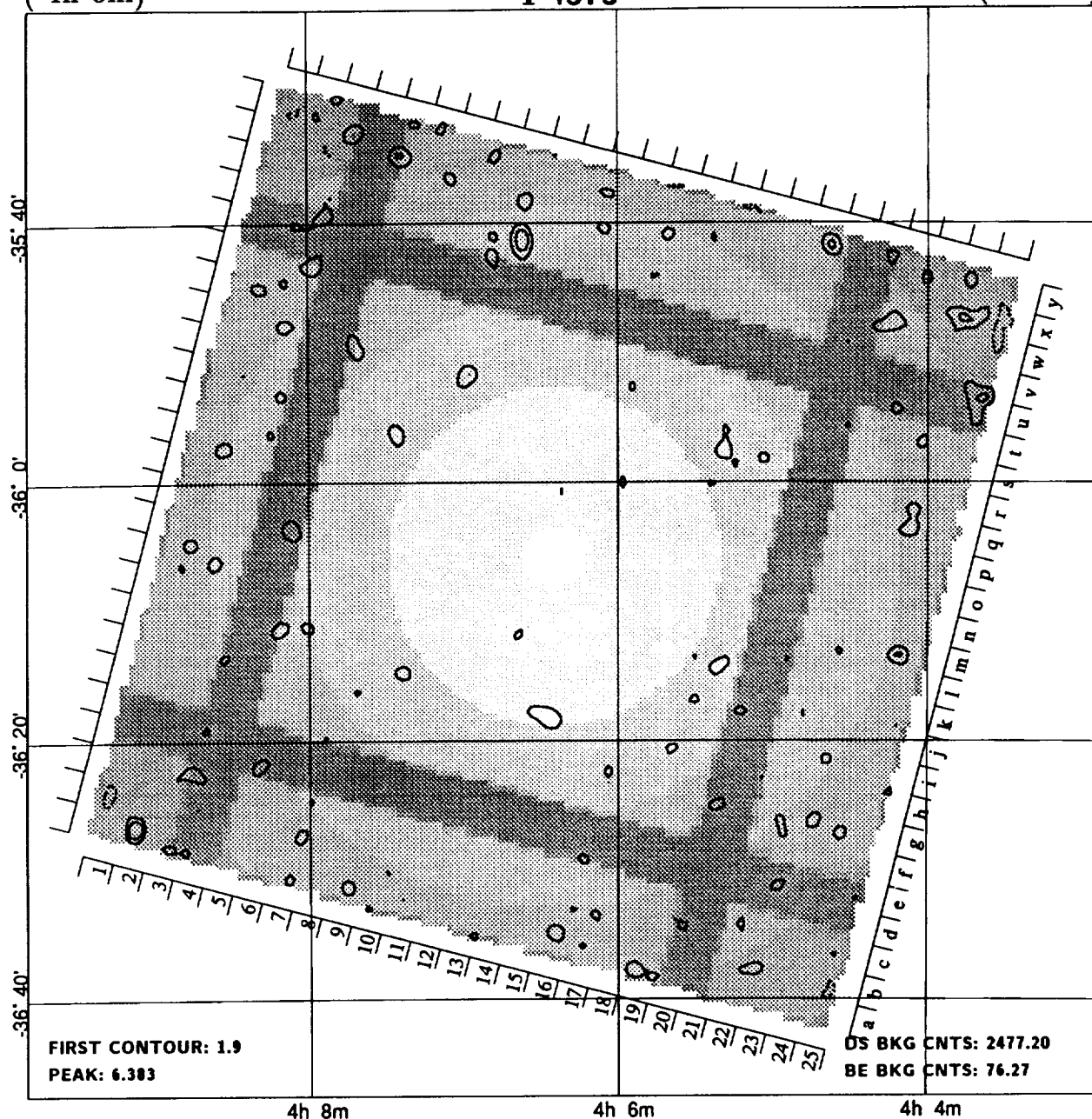
DATE: 1981/ 39 - 1981/ 39
LIVETIME: 4601.1s
ROLL ANGLE: 98.4°

NH: 1.0E+21
REF/ID:
FIELD FLAGS:

(4h 6m)

I 4575

(4h 6m)



H0355-37 LOCATION

FIELD CENTER: 04^h06^m21.0^s -36°05'29" (B1950)
04^h08^m11.9^s -35°57'36" (J2000)
 ℓ : 237.60 b : -47.61

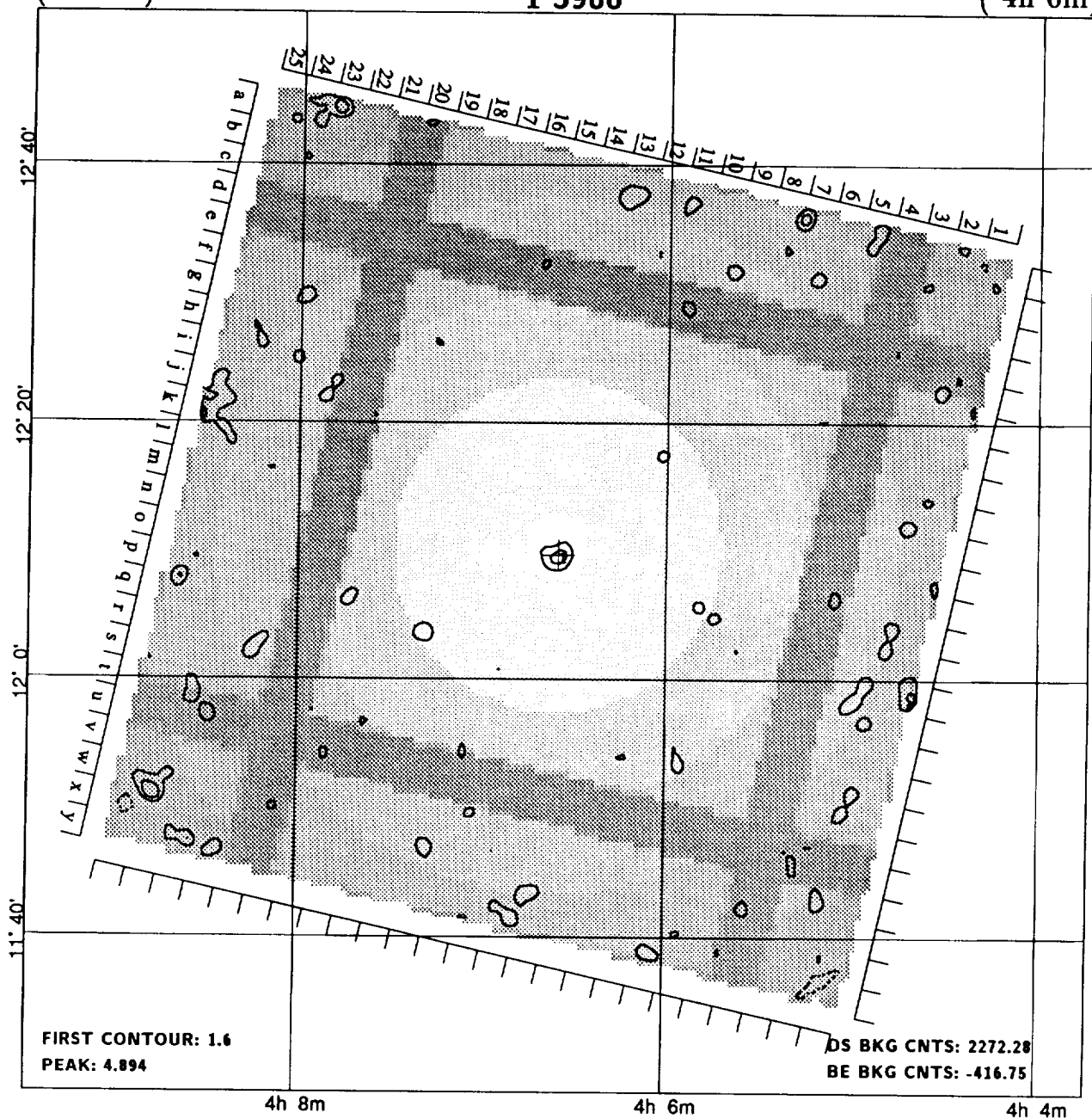
DATE: 1980/228 - 1980/228
LIVETIME: 2007.3s
ROLL ANGLE: -75.2°

NH: 9.1E+19
REF/ID:
FIELD FLAGS:

(4h 6m)

I 3988

(4h 6m)



0406+121, OPTICALLY-QUIET COMPACT RADIO SOURCE

FIELD CENTER: 04^h06^m35.4^s 12°09'49" (B1950)
04^h09^m21.9^s 12°17'40" (J2000)
ℓ: 180.12 b: -27.90

DATE: 1980/ 41 - 1980/ 41

NH: 1.4E+21

LIVETIME: 1841.3s

REF/ID:

ROLL ANGLE: 102.7°

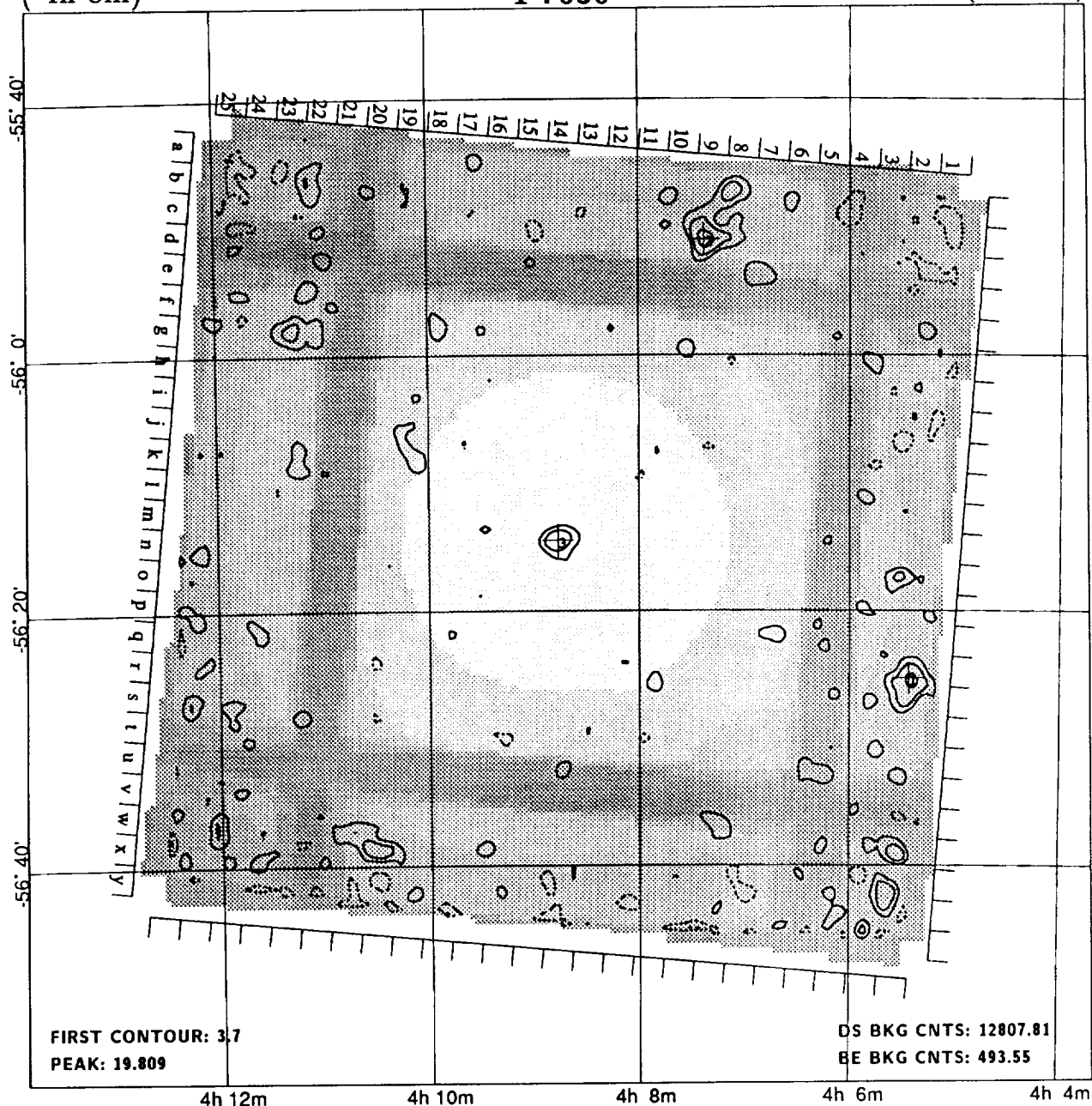
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
940	1	04 06 35.2	12 09 44	41	0.0131	0.0034	17.9	4.1	3.8	0.6	0	0.2	

(4h 8m)

I 7030

(4h 8m)



NGC 1533, EARLY GALAXY SURVEY

FIELD CENTER: 04^h08^m46.0^s -56°14'59" (B1950)
04^h09^m51.4^s -56°07'14" (J2000)
 ℓ : 266.45 b : -44.43

DATE: 1980/ 49 - 1980/ 53
LIVETIME: 10378.5s
ROLL ANGLE: 95.1°

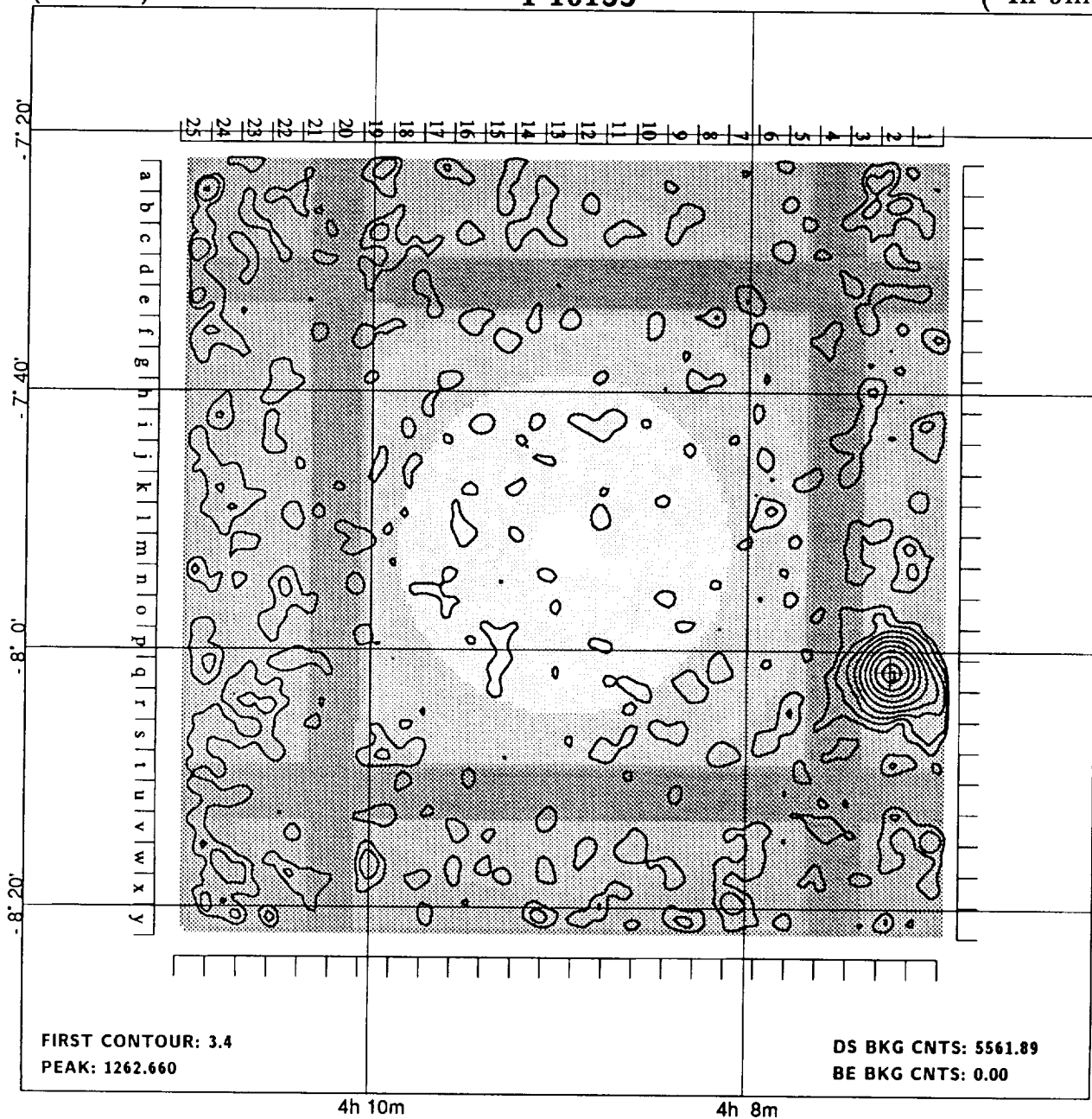
NH: 2.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
937	1	04 05 26.3	-56 25 15	53	0.0081	0.0019	30.6	19.4	4.3	1.2	0	29.7	H	
944	2	04 07 22.6	-55 51 00	51	0.0093	0.0018	40.6	21.4	5.2	1.6	500	26.7	H	
945	3	04 08 46.4	-56 14 29	35	0.0066	0.0012	51.0	35.0	5.5	0.8	0	0.4	H	G

(4h 9m)

I 10153

(4h 9m)



PKS0406-079

FIELD CENTER: $04^h 09^m 00.0^s$ $-07^\circ 52' 29''$ (B1950)
 $04^h 11^m 25.6^s$ $-07^\circ 44' 47''$ (J2000)
 $l: 200.27$ $b: -38.93$

DATE: 1981/ 72 - 1981/ 72
 LIVETIME: 4506.9s
 ROLL ANGLE: 89.9°

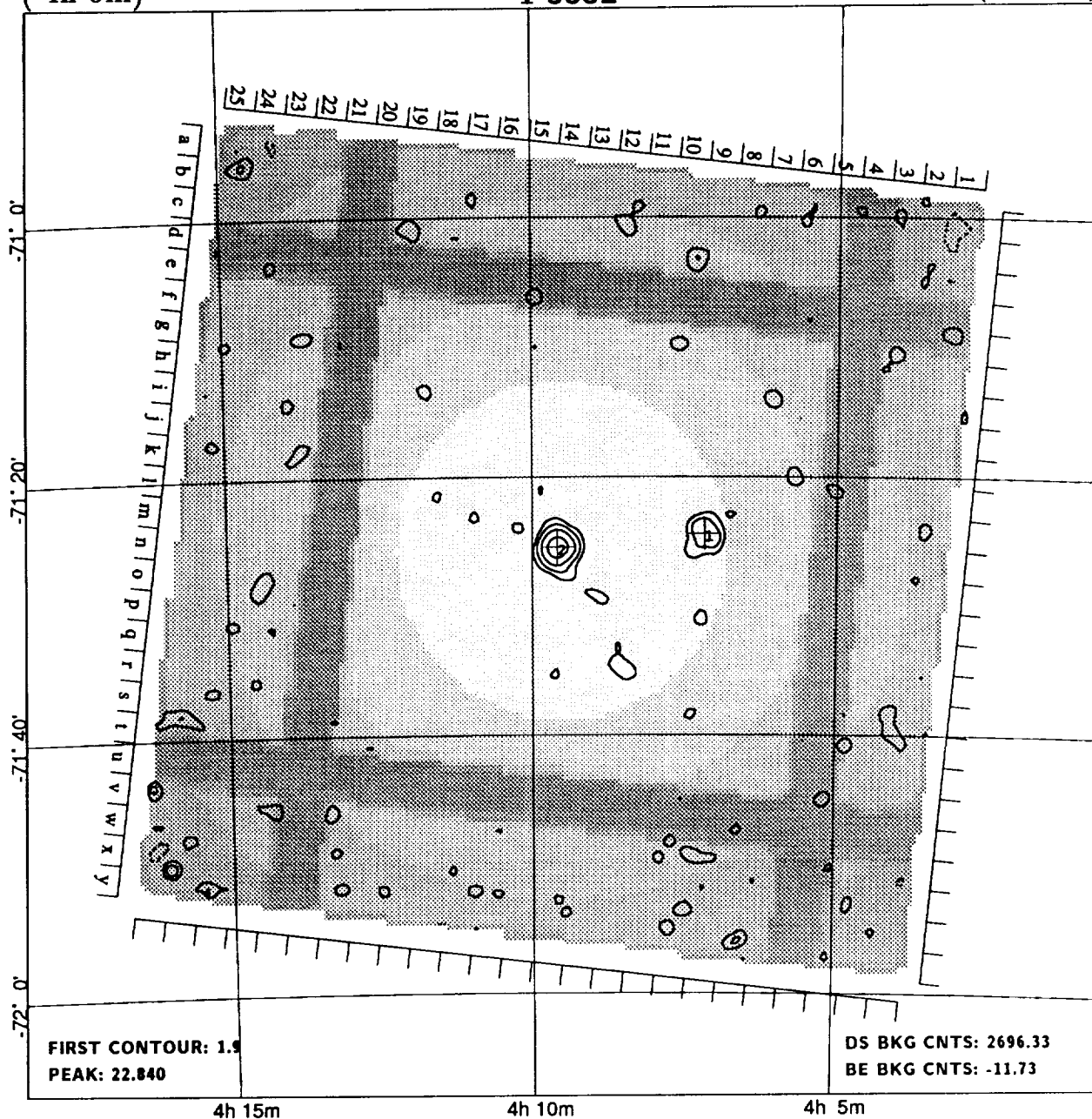
NH: $5.1E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
943	1L	04 07 14.8	-08 01 33	47	1.394	0.033	2467.5	211.5	42.3	1.3	0	27.6		

(4h 9m)

I 3352

(4h 9m)



DWARF NOVAE: VW HYI

FIELD CENTER: $04^h 09^m 29.0^s$ $-71^\circ 25' 53''$ (B1950)

DATE: 1979/ 57 - 1979/ 57

NH: 5.6E+20

 $04^h 09^m 07.2^s$ $-71^\circ 18' 07''$ (J2000)

LIVETIME: 2184.9s

REF/ID: CV

 $l: 284.90$ $b: -38.13$ ROLL ANGLE: 96.5°

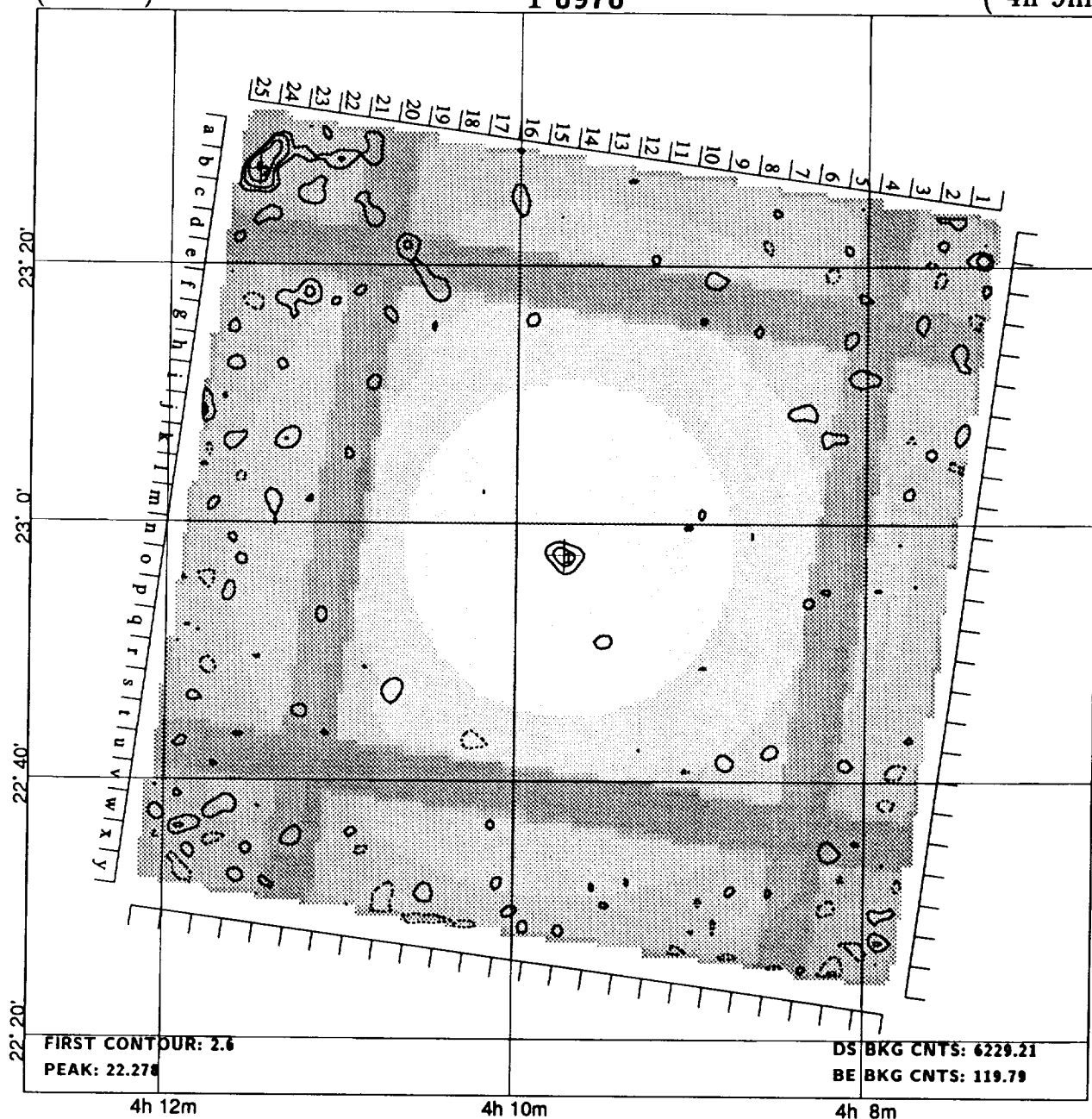
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
941	1	04 07 09.9	-71 24 22	43	0.0198	0.0040	28.2	4.8	4.9	1.1	0	11.0	H	
946	2	04 09 35.3	-71 25 23	31	0.0539	0.0060	87.8	7.2	9.0	1.0	0	0.8	H	CV

(4h 9m)

I 8978

(4h 9m)

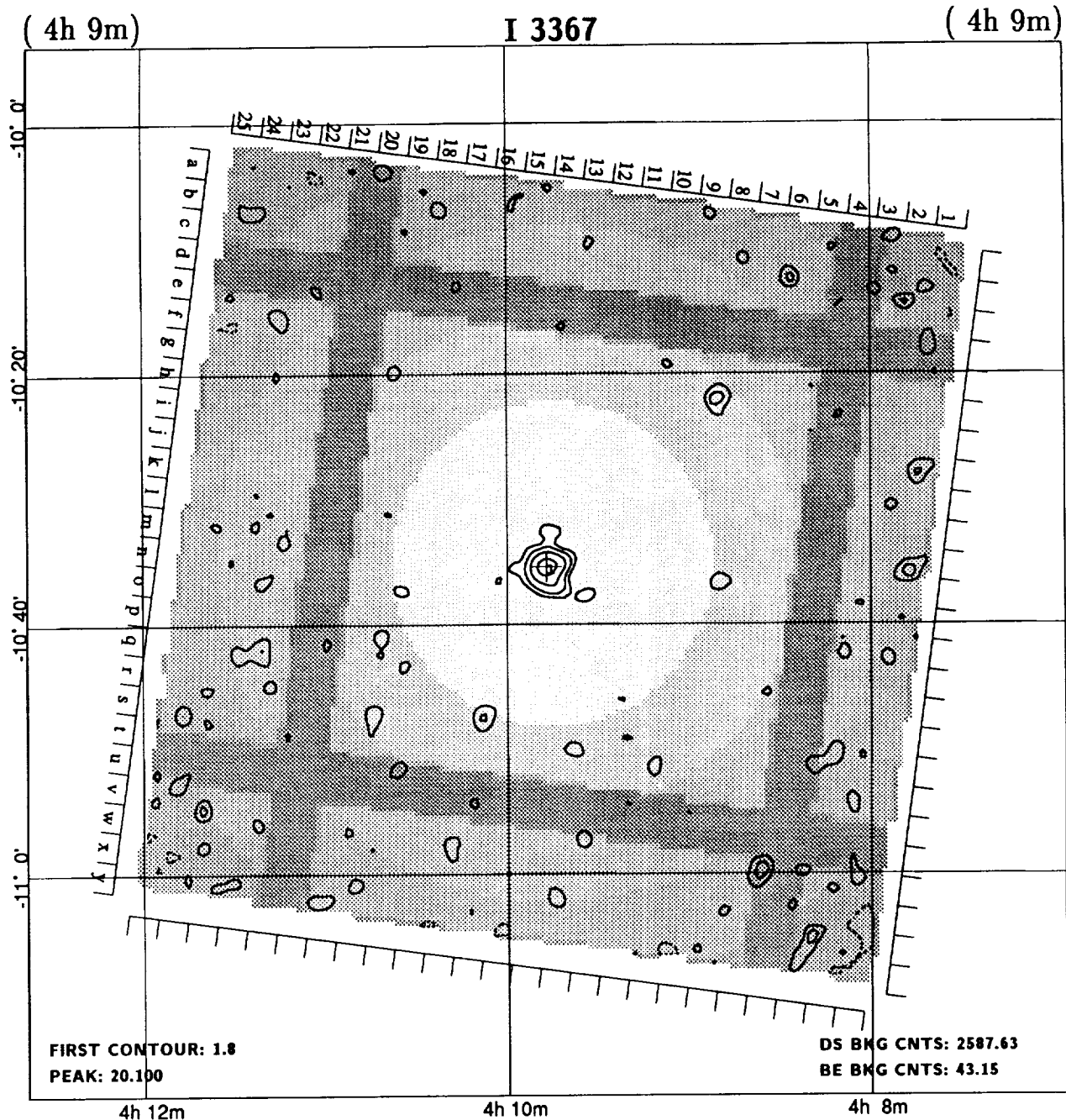


FIELD CENTER: $04^{\text{h}}09^{\text{m}}44.5^{\text{s}}$ $22^{\circ}57'30''$ (B1950)
 $04^{\text{h}}12^{\text{m}}43.5^{\text{s}}$ $23^{\circ}05'08''$ (J2000)
 $l: 171.87$ $b: -20.12$

DATE: 1981/ 31 - 1981/ 32
 LIVETIME: 5047.7s
 ROLL ANGLE: 97.7°

NH: $1.3\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
947	1	04 09 43.5	22 57 34	36	0.0074	0.0018	27.9	16.1	4.2	0.8	0	0.2		Q
953	2	04 11 29.8	23 27 27	55	0.0262	0.0059	26.5	8.5	4.5	1.4	400	38.3	EH	*



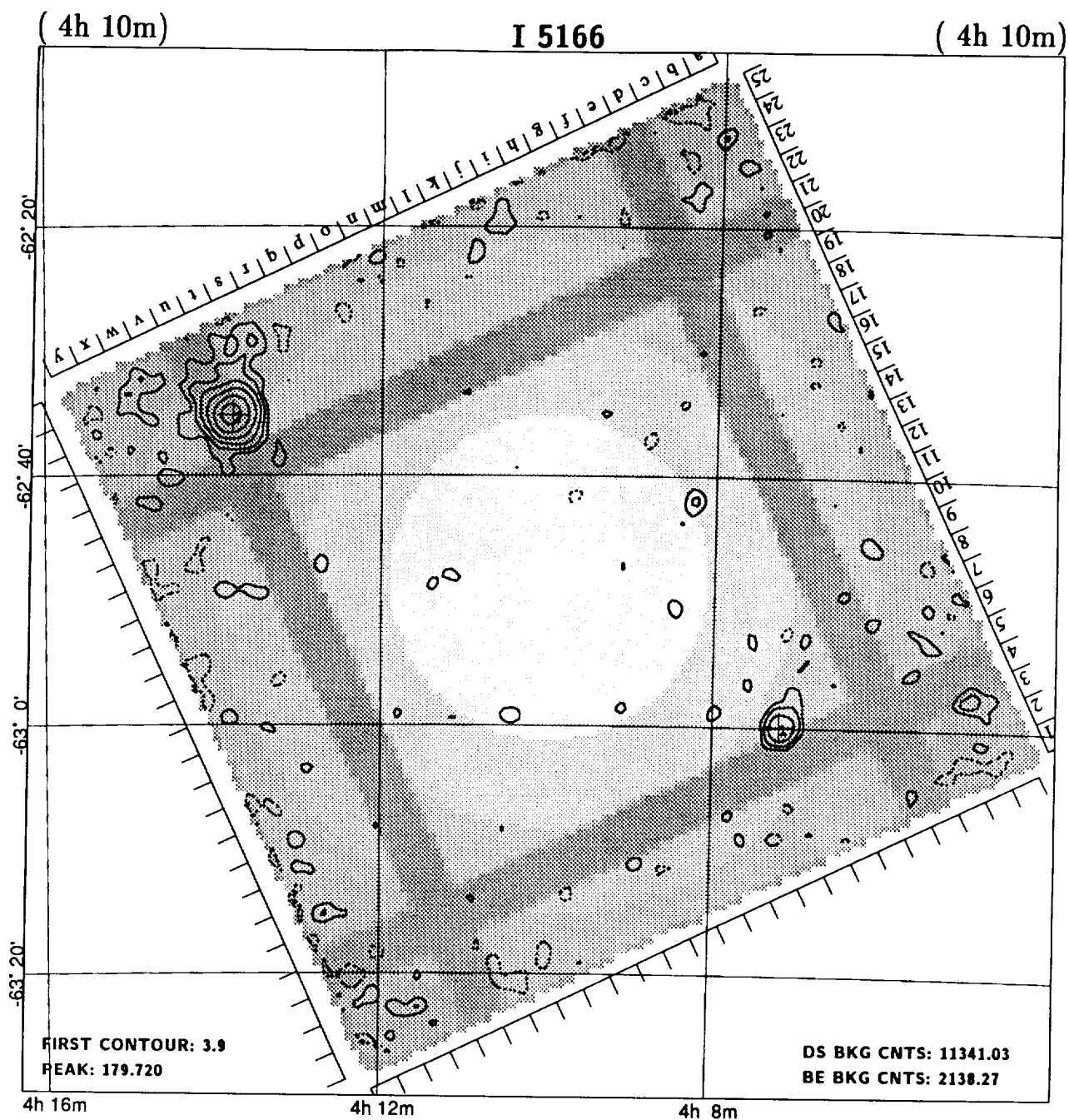
W UMA STARS: YY ERI

FIELD CENTER: 04^h09^m47.0^s -10°35'43" (B1950)
04^h12^m09.7^s -10°28'04" (J2000)
 ℓ : 203.50 b : -40.04

DATE: 1979/ 56 - 1979/ 56
LIVETIME: 2096.8s
ROLL ANGLE: 97.8°

NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
948	1	04 09 47.0	-10 35 23	32	0.0487	0.0058	76.1	6.9	8.4	1.3	0	0.4	H	S



CLUSTER SC0410-62

FIELD CENTER: $04^h 10^m 04.0^s$ $-62^\circ 47' 59''$ (B1950)
 $04^h 10^m 42.6^s$ $-62^\circ 40' 18''$ (J2000)
 ℓ : 274.78 b : -41.97

DATE: 1980/356 - 1980/357
 LIVETIME: 9189.9s
 ROLL ANGLE: 154.7°

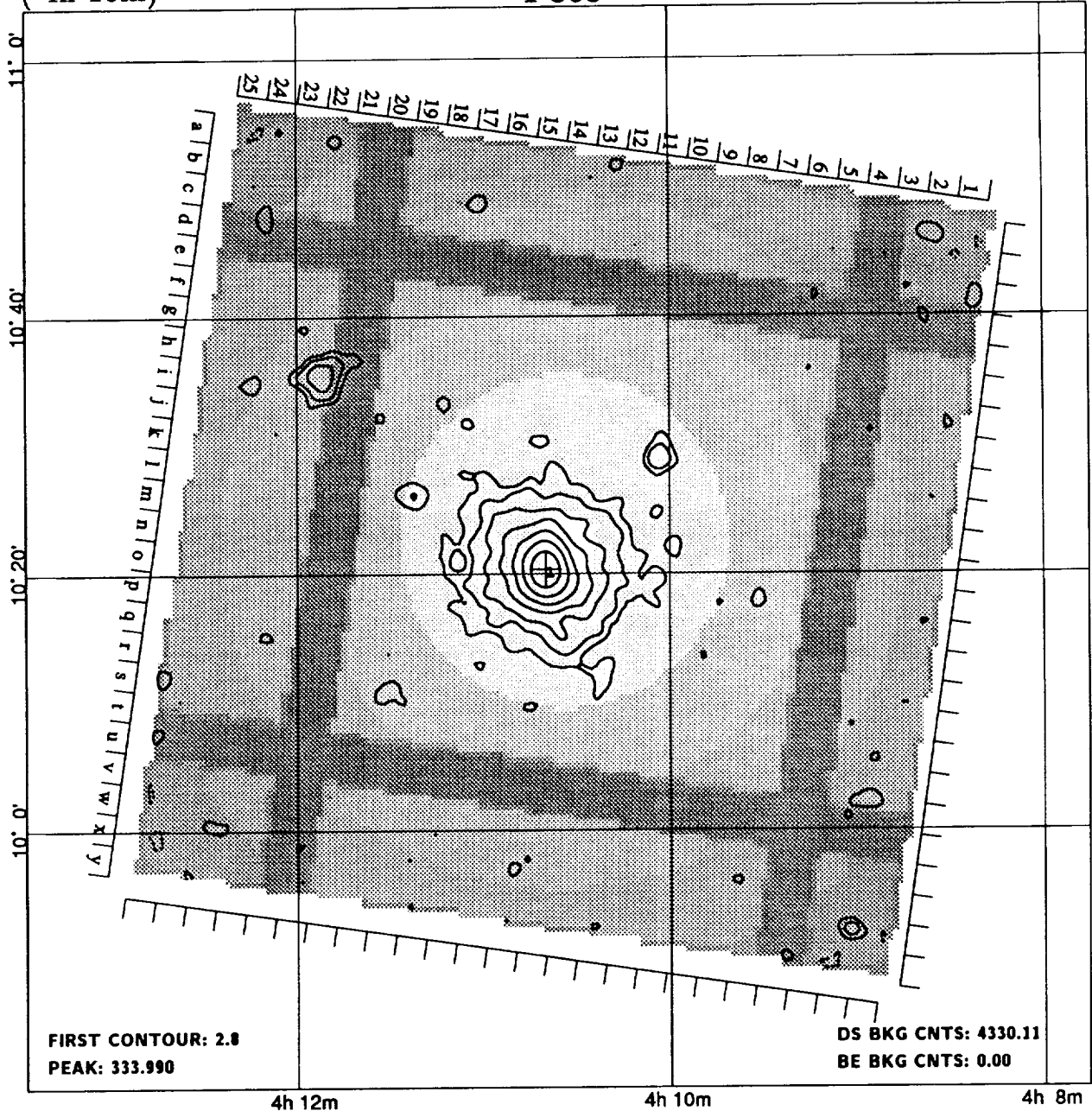
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
942	1	04 07 11.9	-62 59 54	50	*0.0175	0.0023	76.1	20.9	7.7	1.1	702	22.9	H	
958	2	04 13 46.3	-62 35 07	47	*0.1092	0.0059	363.9	17.1	18.6	1.6	1209	28.7	AH	

(4h 10m)

I 303

(4h 10m)



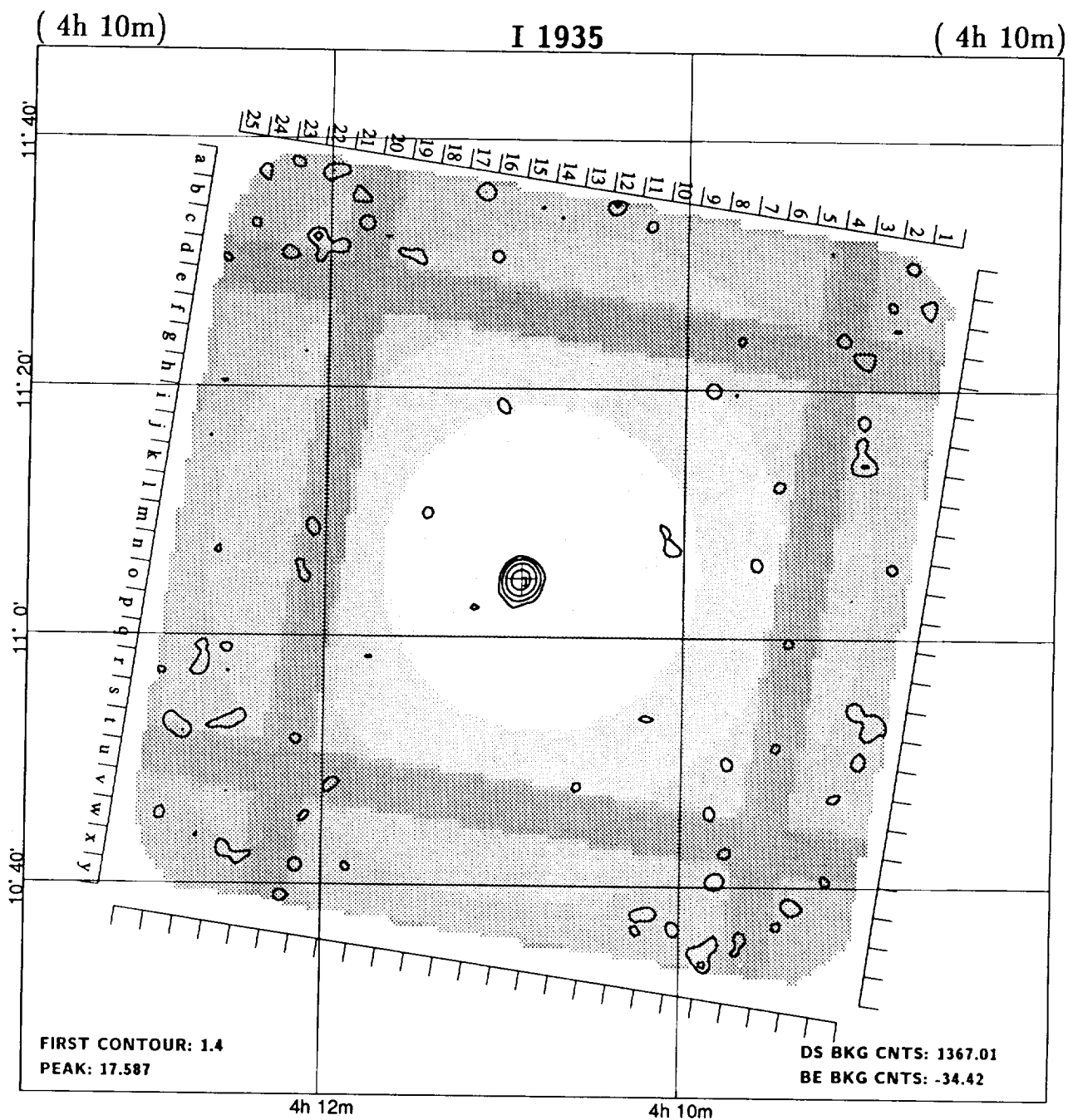
A 478 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $04^h 10^m 36.0^s$ $10^\circ 21' 59''$ (B1950)
 $04^h 13^m 20.7^s$ $10^\circ 29' 35''$ (J2000)
 $l: 182.40$ $b: -28.29$

DATE: 1979/ 65 - 1979/ 65
 LIVETIME: 3508.8s
 ROLL ANGLE: 98.3°

NH: $1.4E+21$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
949	1L	04 10 40.1	10 20 21	31	0.400	0.018	1029.8	490.2	22.1	2.5	0	2.0	A	CLG



3C 109: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $04^h 10^m 48.0^s$ $11^\circ 04' 59''$ (B1950)
 $04^h 13^m 33.5^s$ $11^\circ 12' 34''$ (J2000)
 $l: 181.80$ $b: -27.79$

DATE: 1979/ 66 - 1979/ 66
 LIVETIME: 1107.7s
 ROLL ANGLE: 98.4°

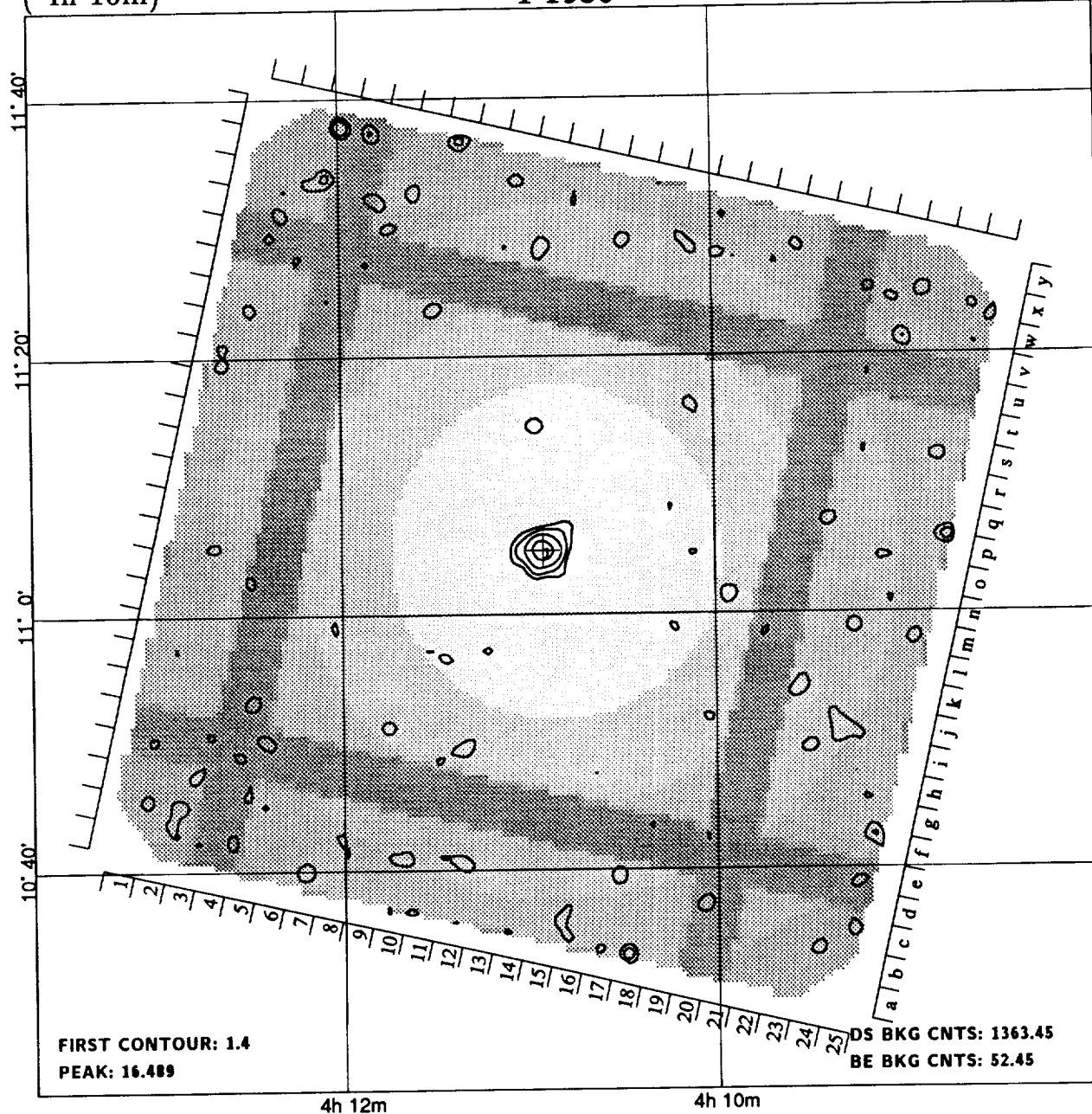
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
951	1	04 10 54.2	11 04 47	32	0.087	0.011	71.6	3.4	8.3	1.0	0	1.8	AH G

(4h 10m)

I 1936

(4h 10m)



3C 109: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: 04^h10^m48.0^s 11°04'59" (B1950)
 04^h13^m33.5^s 11°12'34" (J2000)
 ℓ : 181.80 b : -27.79

DATE: 1979/225 - 1979/225
 LIVETIME: 1104.8s
 ROLL ANGLE: -77.2°

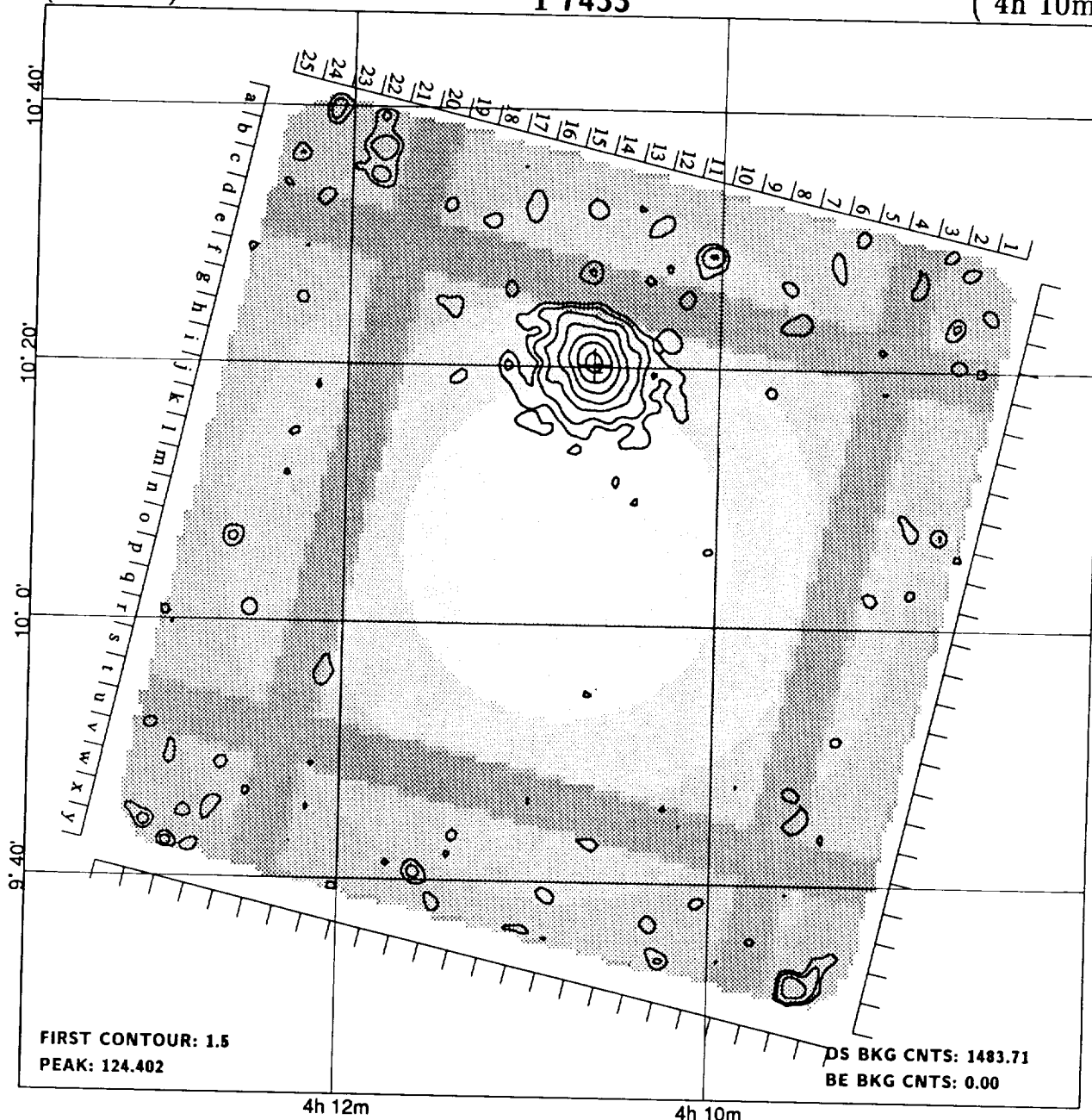
NH: 1.4E+21
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
951	1	04 10 55.4	11 04 57	32	0.0753	0.0098	61.8	3.2	7.7	1.2	0	2.0	AH	G

(4h 10m)

I 7433

(4h 10m)



HD 26676, RADIO STAR

FIELD CENTER: $04^h 10^m 50.0^s$ $10^\circ 05' 11''$ (B1950)
 $04^h 13^m 34.4^s$ $10^\circ 12' 46''$ (J2000)
 $l: 182.68$ $b: -28.42$

DATE: 1980/ 40 - 1980/ 40
 LIVETIME: 1202.3s
 ROLL ANGLE: 103.0°

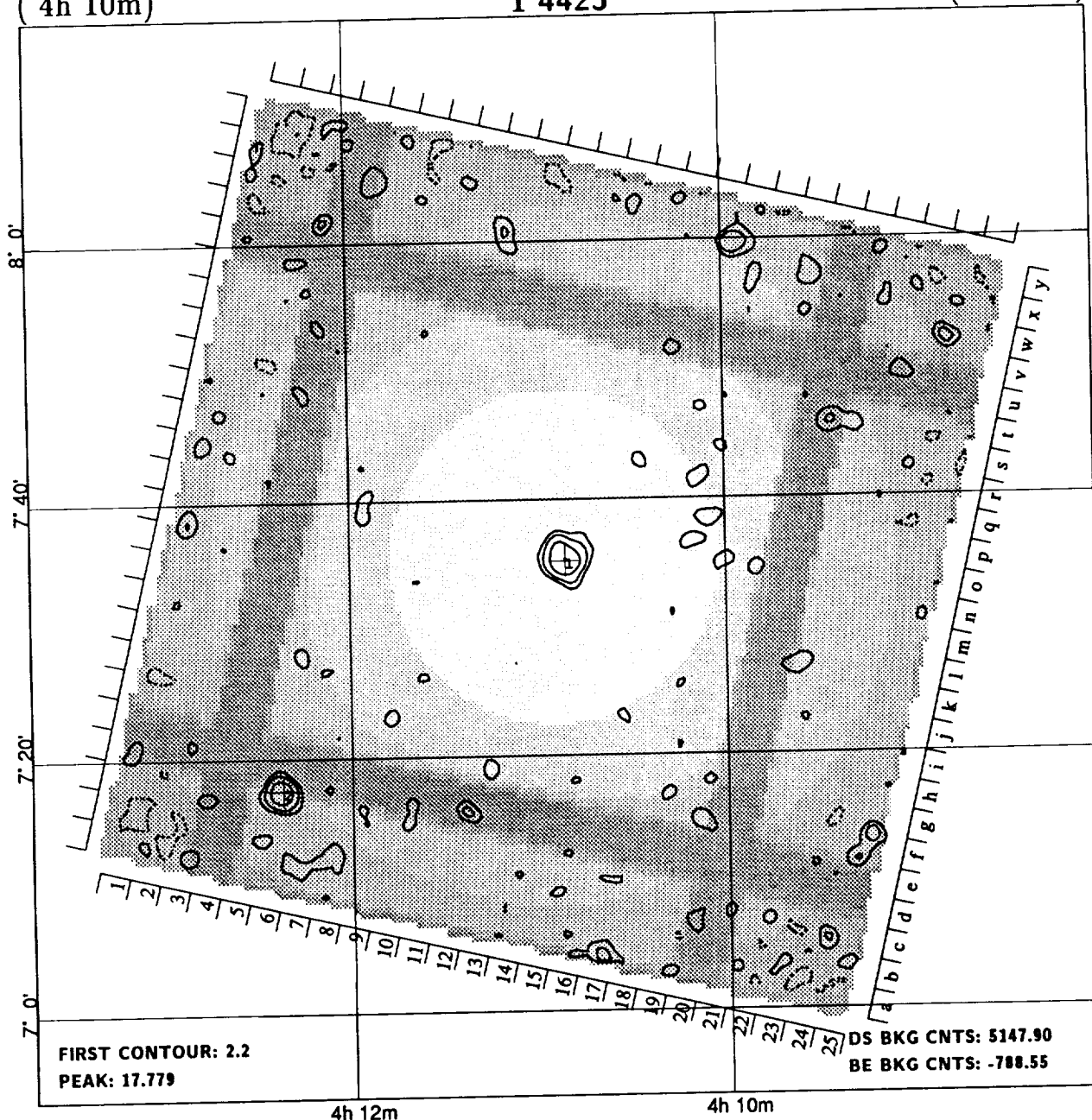
NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
949	1L	04 10 40.4	10 20 10	47	0.439	0.033	315.1	105.9	13.0	2.0	0	15.2	A	CLG

(4h 10m)

I 4423

(4h 10m)



STELLAR SURVEY: 46 TAU

FIELD CENTER: $04^h 10^m 52.0^s$ $07^\circ 35' 29''$ (B1950)
 $04^h 13^m 33.7^s$ $07^\circ 43' 04''$ (J2000)
 $l: 184.93$ $b: -29.96$

DATE: 1979/226 - 1979/226
 LIVETIME: 4171.5s
 ROLL ANGLE: -76.8°

NH: $1.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
950	1	04 10 51.3	07 35 08	32	0.0245 0.0030	76.0	11.0	8.2	1.4	0	0.2	H	S
954	2	04 12 22.1	07 17 29	51	*0.0197 0.0038	31.2	5.8	5.1	0.9	806	28.8	H	S

(4h 11m)



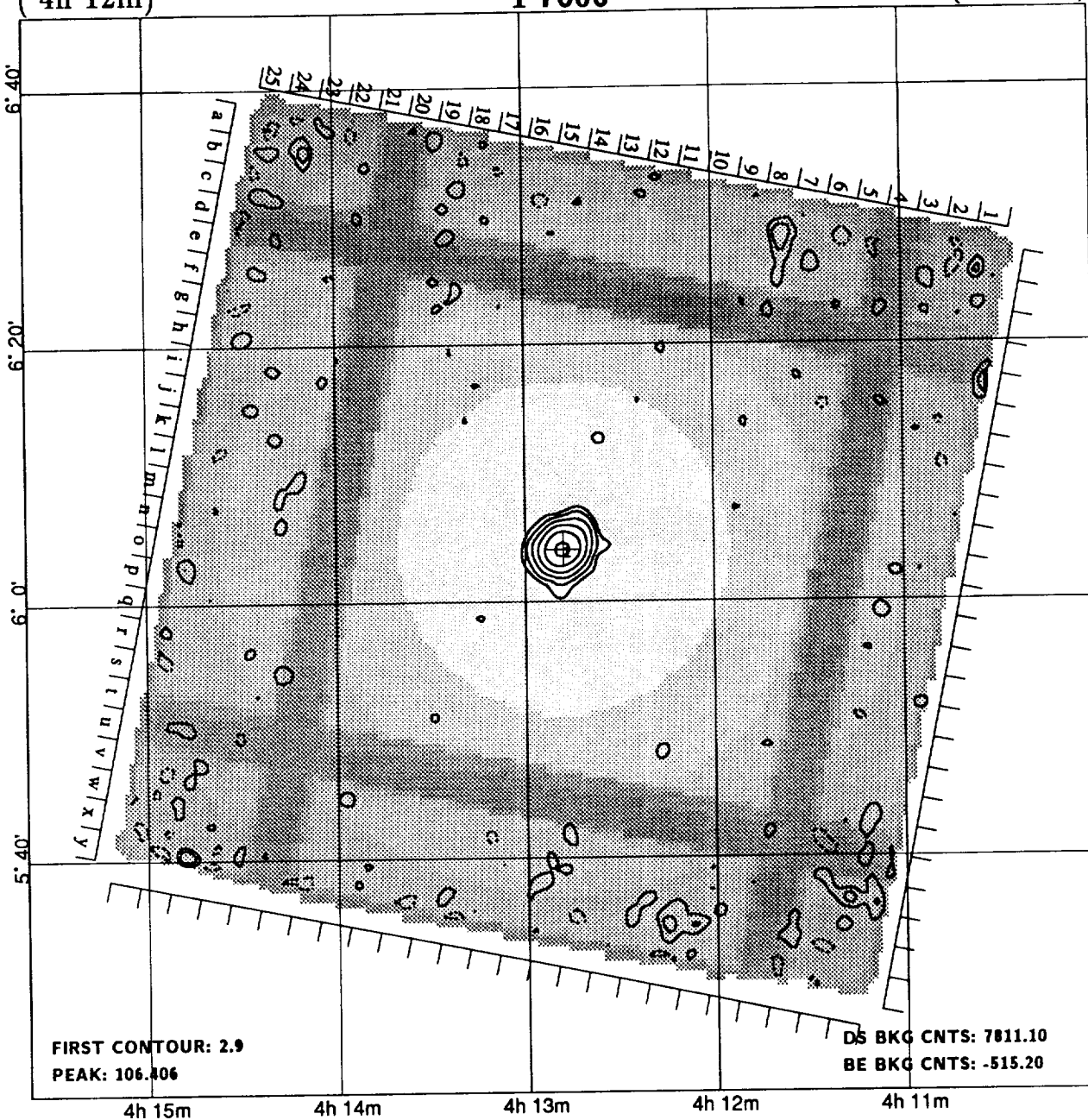
NH: 8.4E+20
REF/ID: S
FIELD FLAGS:

CAT	FLD	RA	DEC	±	COUNT	±	NET	BKG	S/N	SIZE	RECO	R'	SRC	ID
#	#	(1950)	(1950)	"	RATE		CTS	CTS		COR			FLG	
952	1	04 11 27.0	26 09 11	51	*0.0401	0.0091	22.5	3.5	4.4	1.1	603	30.2	H	

(4h 12m)

I 7606

(4h 12m)



HD 26913A, SELECTED LATE-TYPE STARS W/ CHROMOSPHERIC ACTIVITY

FIELD CENTER: 04^h12^m49.0^s 06°03'47" (B1950)
04^h15^m29.1^s 06°11'14" (J2000)
 ℓ : 186.68 b : -30.50

DATE: 1980/ 62 - 1980/ 63
LIVETIME: 6329.5s
ROLL ANGLE: 101.3°

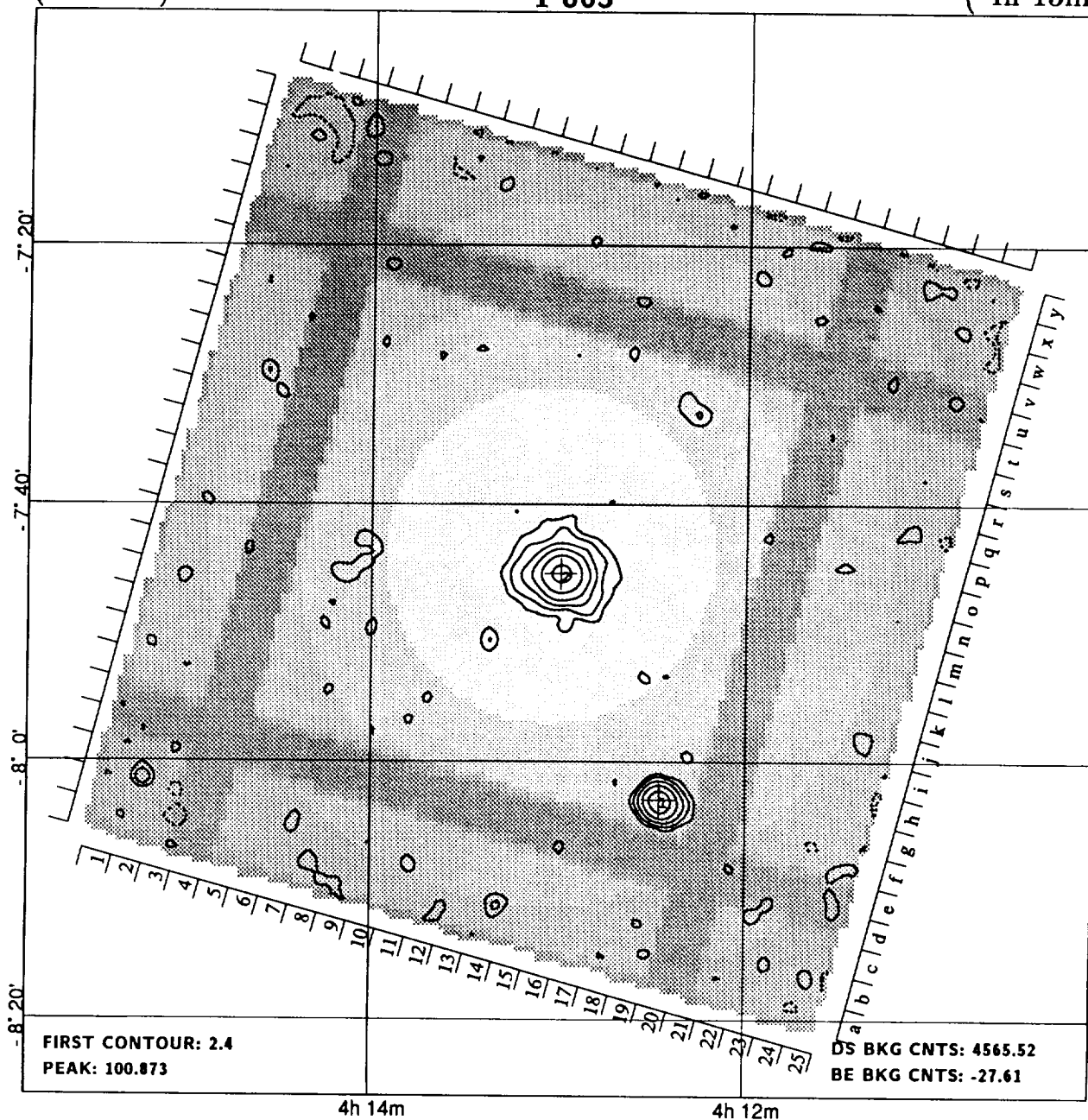
NH: 1.1E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
956	1	04 12 47.9	06 04 04	31	0.1039	0.0048	491.0	18.0	21.8	1.5	0	0.2	H	

(4h 13m)

I 865

(4h 13m)



EG 033 (40 ERI B) STELLAR OBSERVATIONS, WHITE DWARFS

FIELD CENTER: $04^{\text{h}}13^{\text{m}}00.0^{\text{s}}$ $-07^{\circ}43'59''$ (B1950)
 $04^{\text{h}}15^{\text{m}}25.7^{\text{s}}$ $-07^{\circ}36'33''$ (J2000)
 ℓ : 200.73 b : -37.99

DATE: 1979/227 - 1979/227

NH: 5.3E+20

LIVETIME: 3699.6s

REF/ID:

ROLL ANGLE: -74.9°

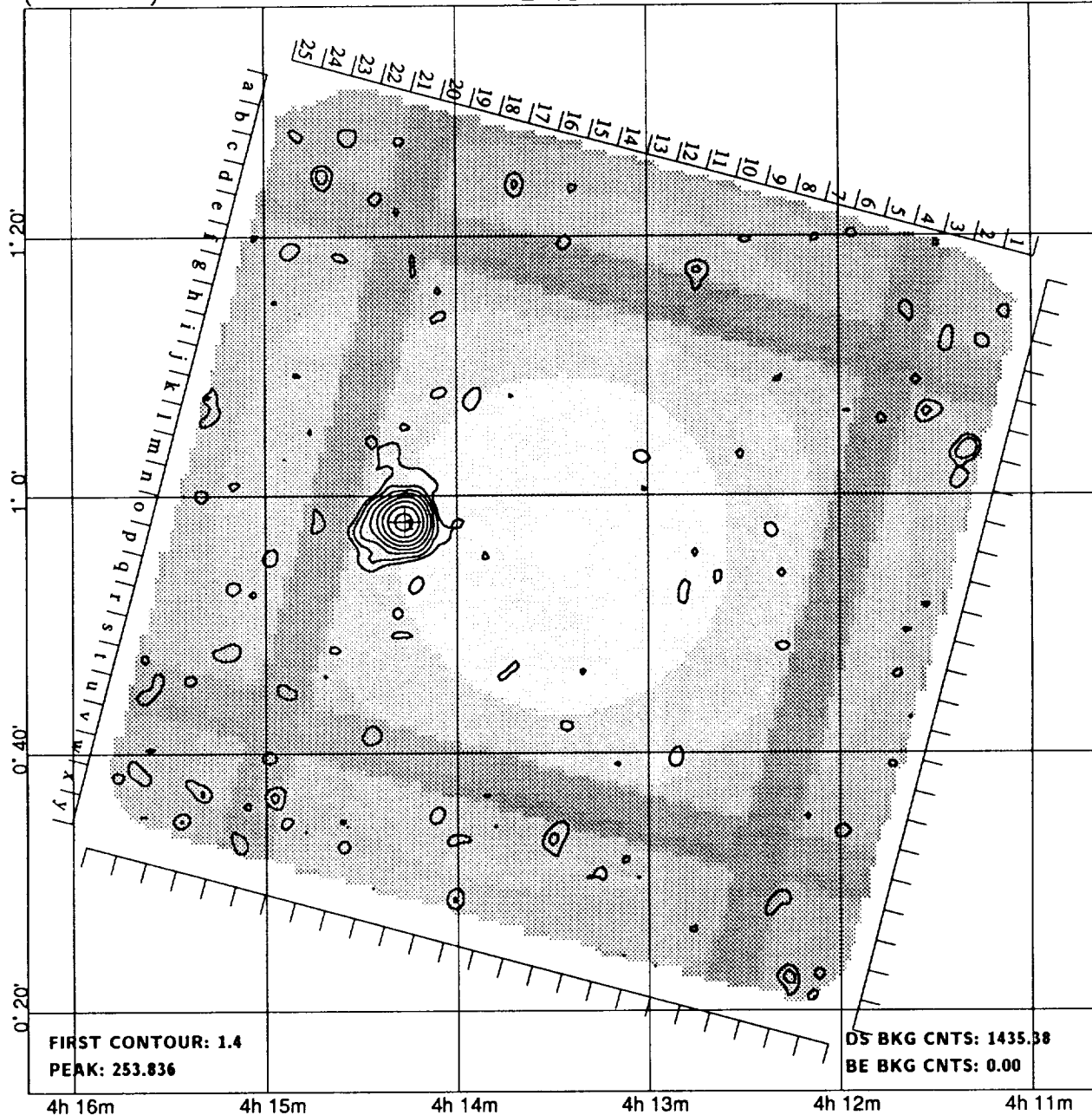
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
955	1	04 12 27.4	-08 02 56	47	0.0904	0.0072	166.4	8.6	12.6	1.1	0	20.4	H	AGN
957	2	04 12 59.4	-07 45 27	31	0.1630	0.0078	446.5	12.5	20.8	1.8	0	1.5	H	S

(4h 13m)

I 4521

(4h 13m)

FIELD CENTER: 04^h13^m26.4^s 00°55'47" (B1950)04^h16^m01.2^s 01°03'12" (J2000) l : 191.71 b : -33.36

DATE: 1980/ 40 - 1980/ 40

LIVETIME: 1163.1s

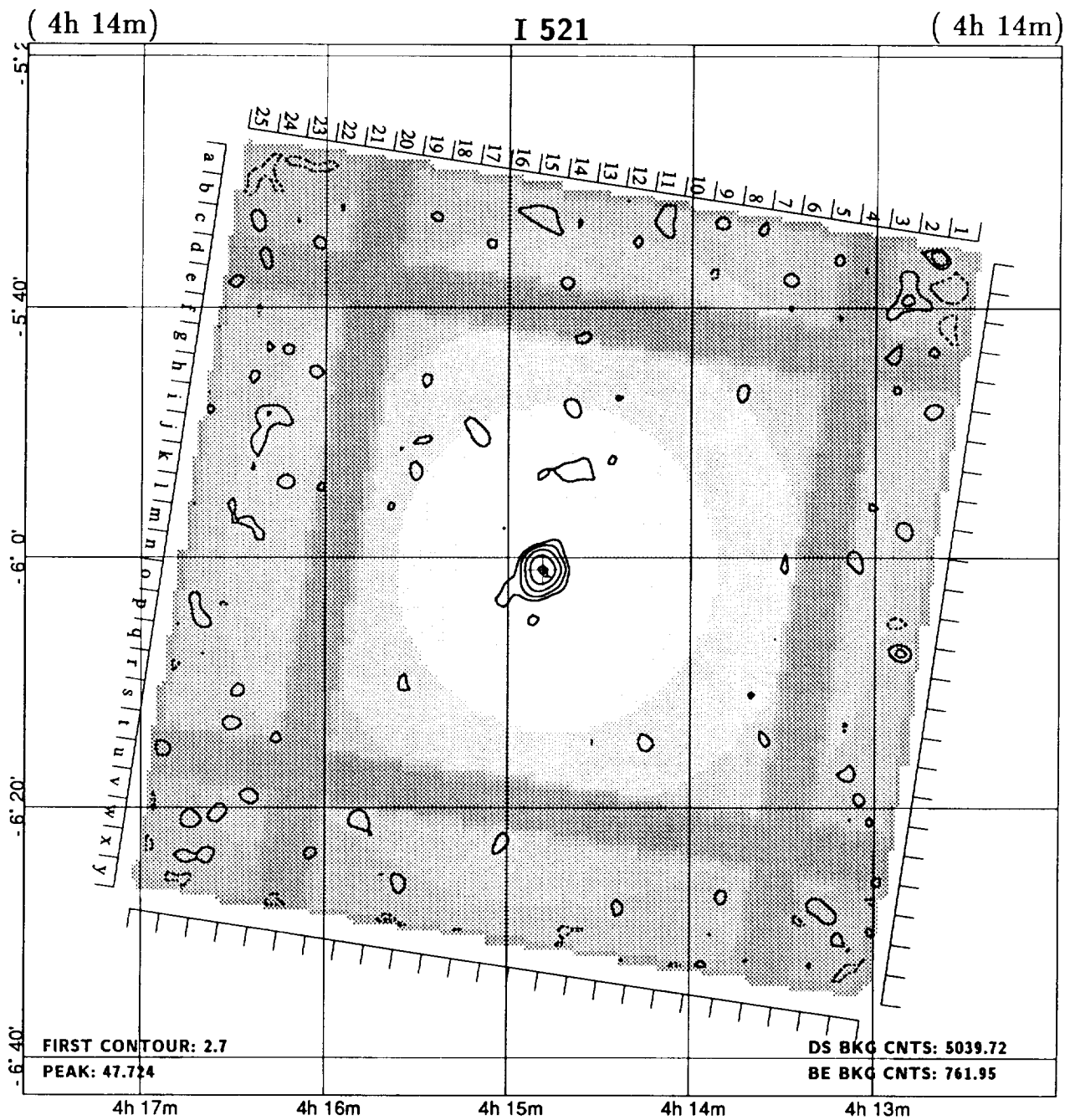
ROLL ANGLE: 104.9°

NH: 9.7E+20

REF/ID:

FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
959	1L	04 14 16.3	00 57 58	37	1.103 0.043	809.7	17.3	25.3	1.1	0	12.6		BL

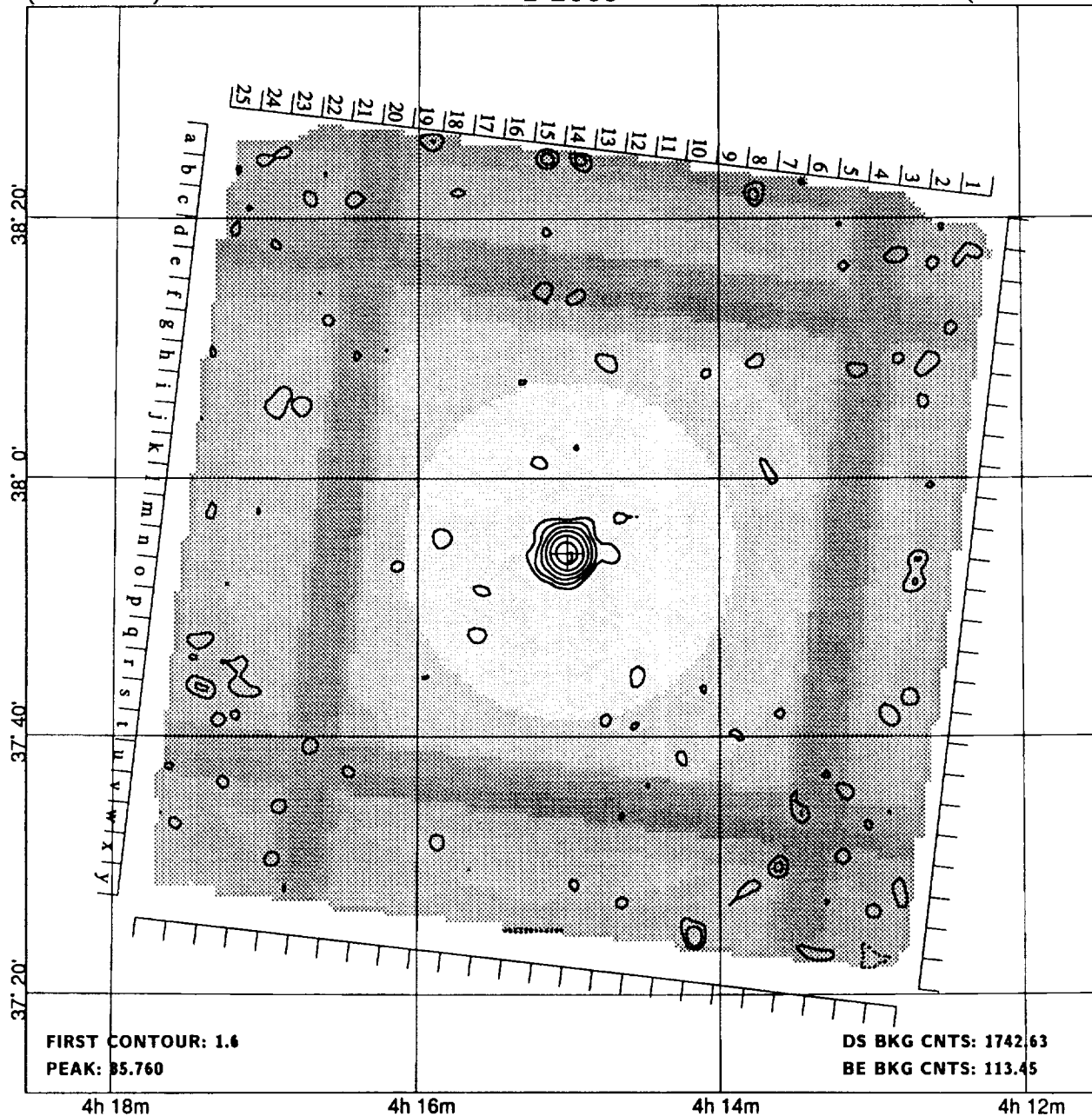


CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
962	1	04 14 48.6	-06 00 57	31	0.0595	0.0046	180.5	15.5	12.9	1.1	0	0.2	H	Q

(4h 15m)

I 2669

(4h 15m)



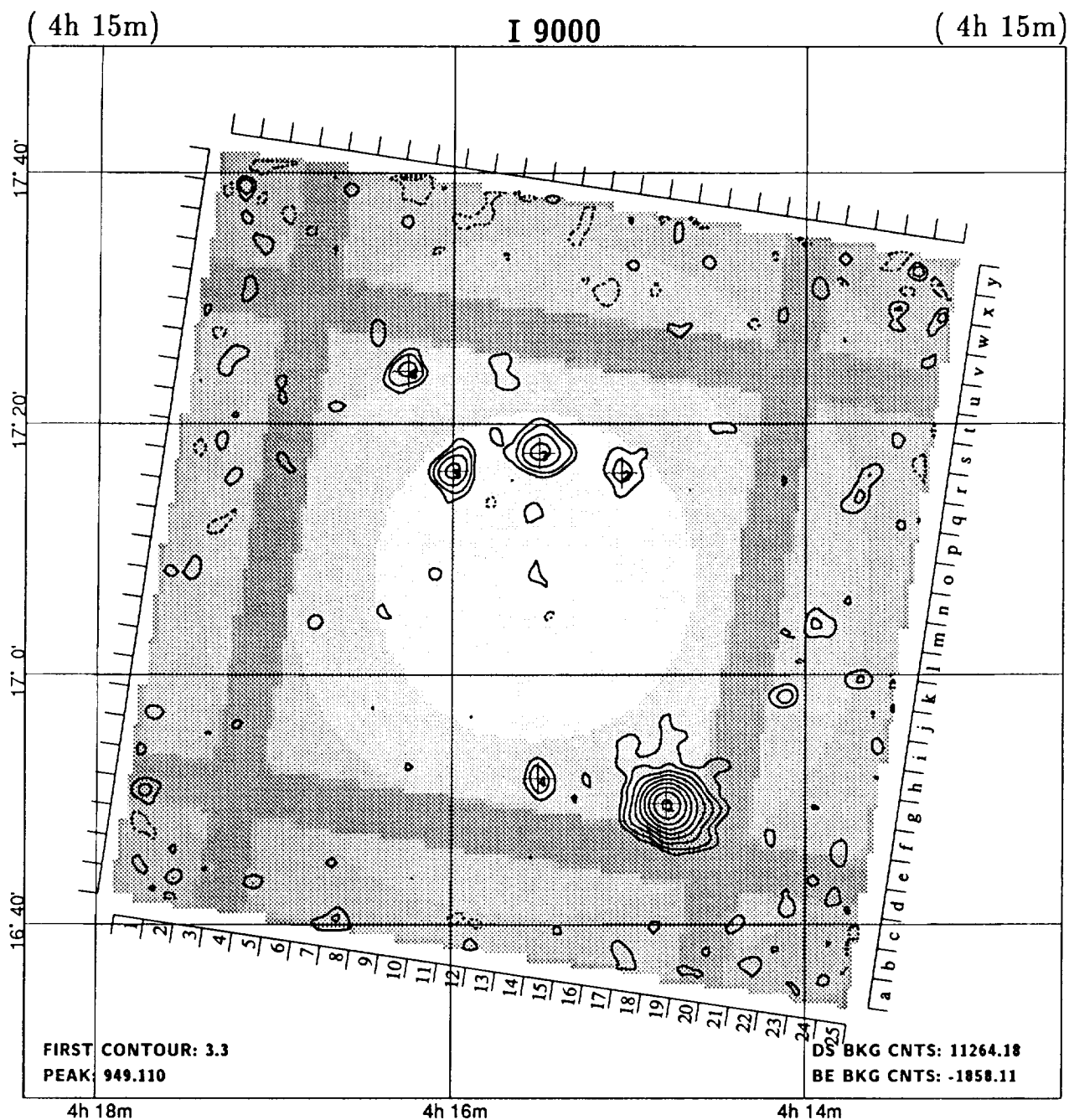
3C 111.0: BRIGHT X-GALACTIC RADIO SOURCES

FIELD CENTER: $04^h 15^m 02.1^s$ $37^\circ 54' 28''$ (B1950)
 $04^h 18^m 22.8^s$ $38^\circ 01' 45''$ (J2000)
 $l: 161.68$ $b: -8.81$

DATE: 1980/ 45 - 1980/ 45
 LIVETIME: 1412.1s
 ROLL ANGLE: 96.7°

NH: $2.9E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
963	1	04 15 00.7	37 54 13	31	0.306	0.017	323.4	4.6	17.9	1.2	0	0.2	H	G



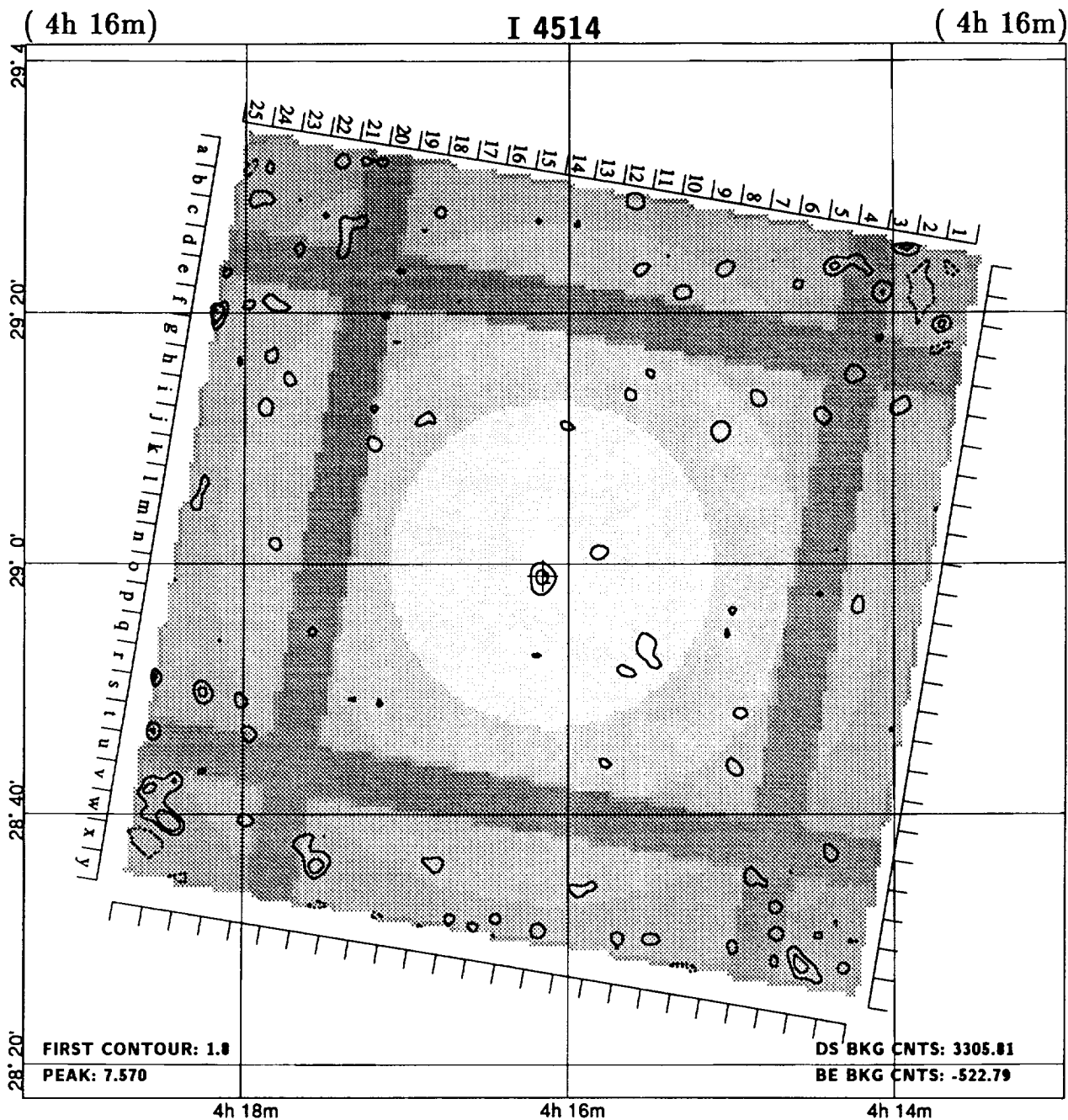
SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 1

FIELD CENTER: $04^h 15^m 29.0^s$ $17^\circ 08' 04''$ (B1950)
 $04^h 16^m 21.3^s$ $17^\circ 15' 20''$ (J2000)
 $l: 177.49$ $b: -23.03$

DATE: 1980/263 - 1980/263
 LIVETIME: 9127.6s
 ROLL ANGLE: -81.6°

NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
961	1	04 14 46.9	16 49 41	47	0.520	0.011	2347.0	16.0	48.3	1.2	0	20.8	H	S
964	2	04 15 02.4	17 16 05	42	0.0054	0.0012	32.1	19.9	4.5	1.1	0	10.5	H	
966	3	04 15 30.4	17 17 38	38	0.0221	0.0020	134.0	21.0	10.8	1.3	0	9.8	AH	S
967	4	04 15 30.6	16 51 41	51	0.0061	0.0013	32.3	17.7	4.6	0.8	0	16.4	H	
970	5	04 15 59.9	17 16 14	38	0.0198	0.0020	118.6	21.4	10.0	1.1	0	11.0	AH	
972	6	04 16 15.3	17 24 16	50	0.0097	0.0017	46.0	19.0	5.7	0.9	0	19.6	AH	S



T TAURI STARS: BP TAU

FIELD CENTER: 04^h16^m08.5^s 28°59'23" (B1950)
04^h19^m15.7^s 29°06'36" (J2000)
 l : 168.33 b : -14.91

DATE: 1980/ 52 - 1980/ 52
LIVETIME: 2678.8s
ROLL ANGLE: 99.4°

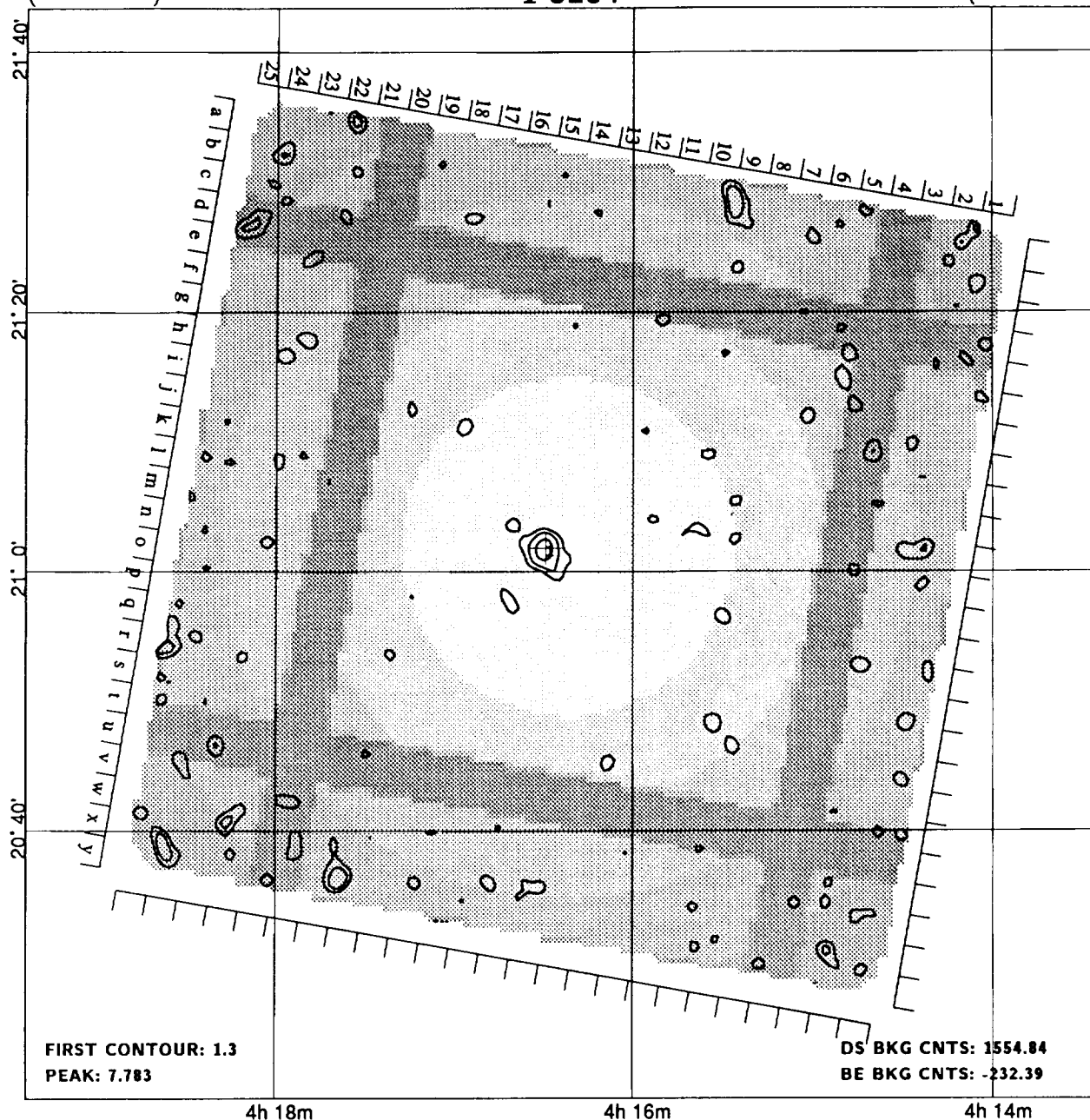
NH: 1.2E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
971	1	04 16 09.5	28 59 02	41	0.0093	0.0025	18.5	6.5	3.7	0.7	0	0.4	

(4h 16m)

I 3284

(4h 16m)



CANDIDATE X-RAY BINARY SOURCES: HD 27295

FIELD CENTER: $04^h 16^m 24.0^s$ $21^\circ 01' 23''$ (B1950)
 $04^h 19^m 21.0^s$ $21^\circ 08' 35''$ (J2000)
 $l: 174.50$ $b: -20.29$

DATE: 1979/ 59 - 1979/ 59
 LIVETIME: 1259.9s
 ROLL ANGLE: 100.0°

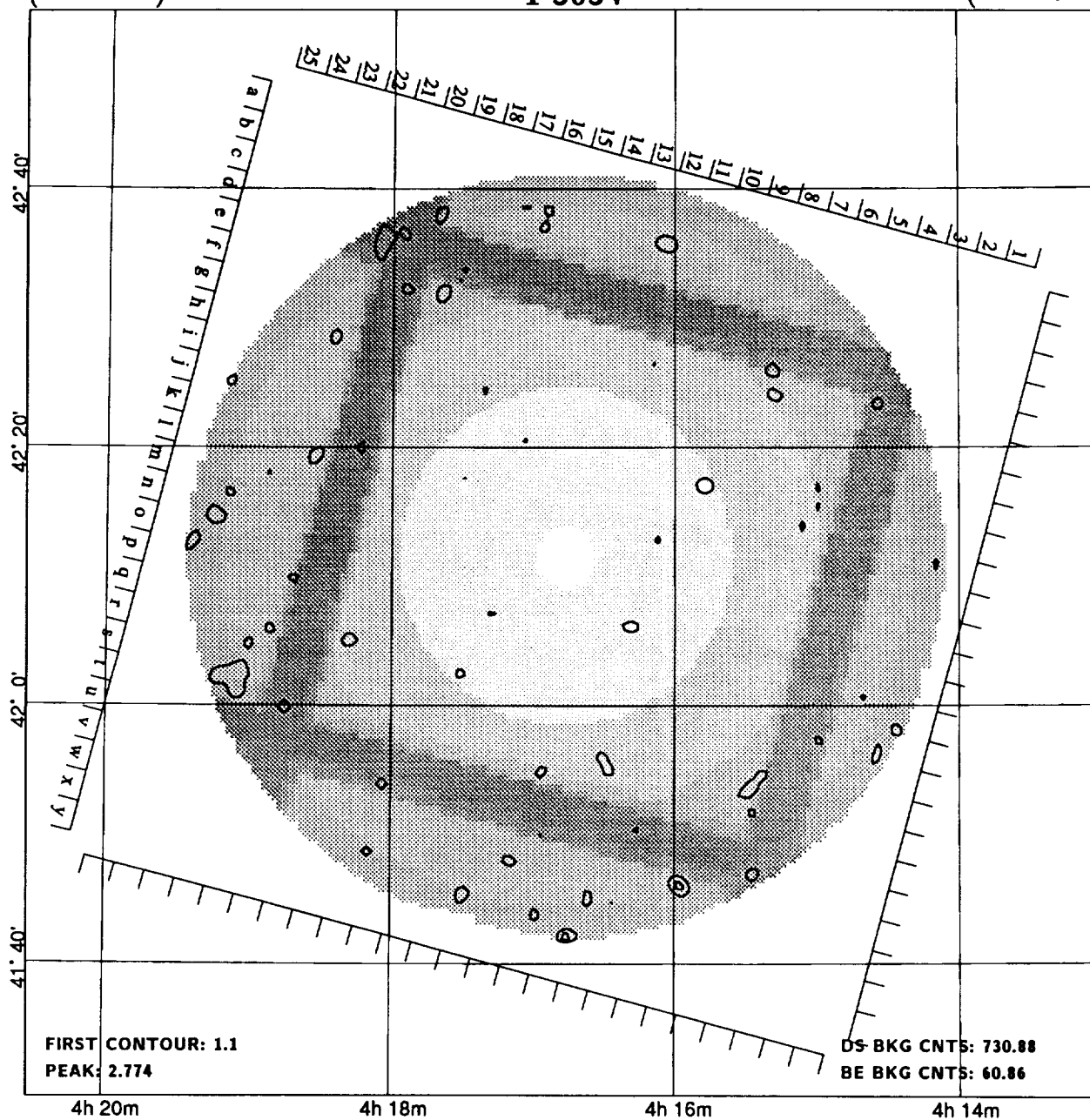
NH: $1.8E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
973	1	04 16 29.3	21 01 48	36	0.0289	0.0059	26.9	3.1	4.9	1.0	0	1.3	H	S

(4h 16m)

I 5054

(4h 16m)



FIELD CENTER: 04^h16^m47.0^s 42°11'48" (B1950)
04^h20^m15.6^s 42°18'58" (J2000)
 l : 158.88 b : -5.53

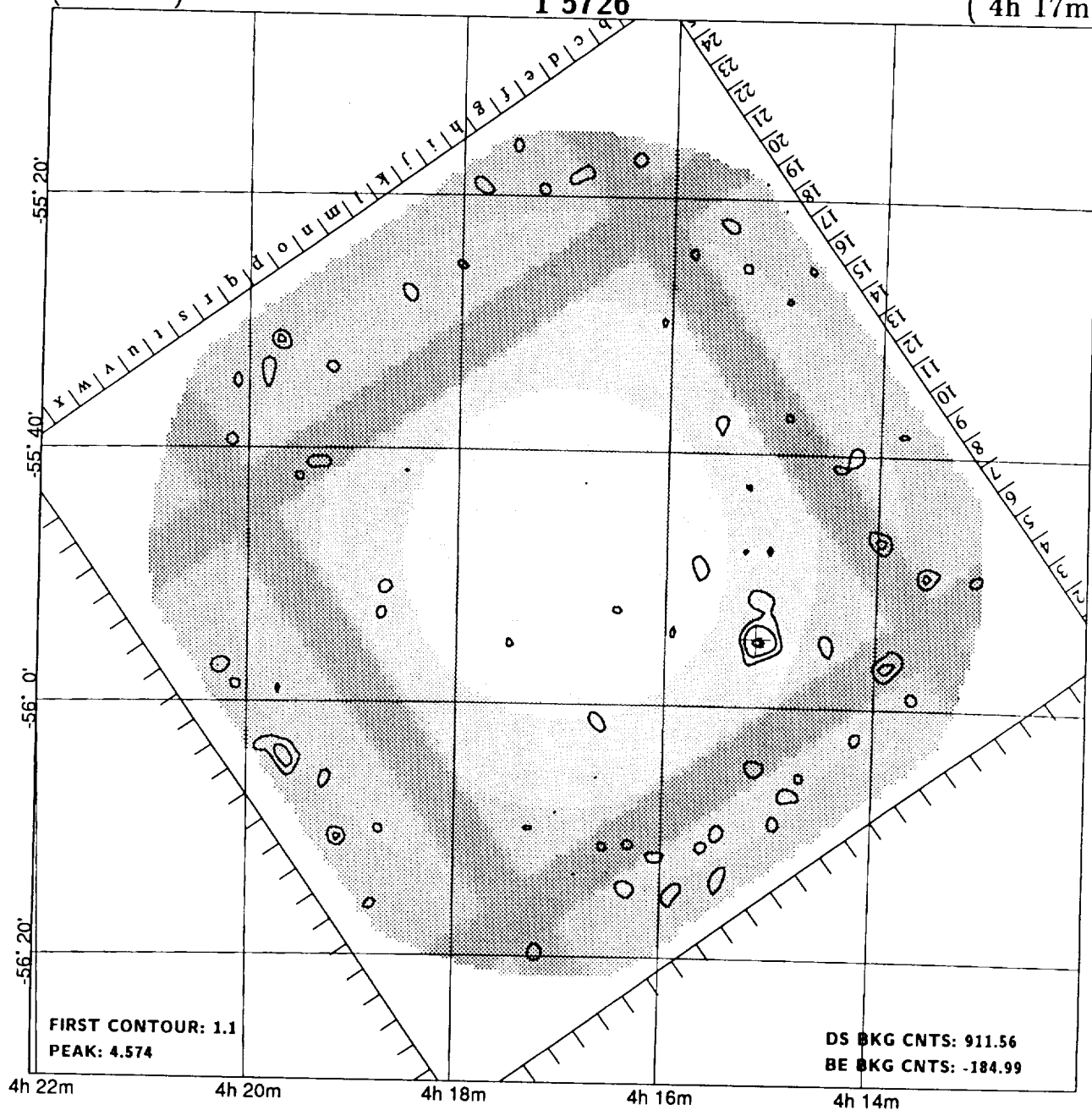
DATE: 1980/ 72 - 1980/ 72
LIVETIME: 613.5s
ROLL ANGLE: 104.9°

NH: 3.5E+21
REF/ID:
FIELD FLAGS:

(4h 17m)

I 5726

(4h 17m)



CLUSTERS WITH IPC: SC0417-558

FIELD CENTER: $04^h 17^m 00.0^s$ $-55^\circ 47' 59''$ (B1950)
 $04^h 18^m 05.3^s$ $-55^\circ 40' 46''$ (J2000)
 $l: 265.39$ $b: -43.46$

DATE: 1980/ 3 - 1980/ 3

NH: 2.0E+20

LIVETIME: 738.7s

REF/ID:

ROLL ANGLE: 144.5°

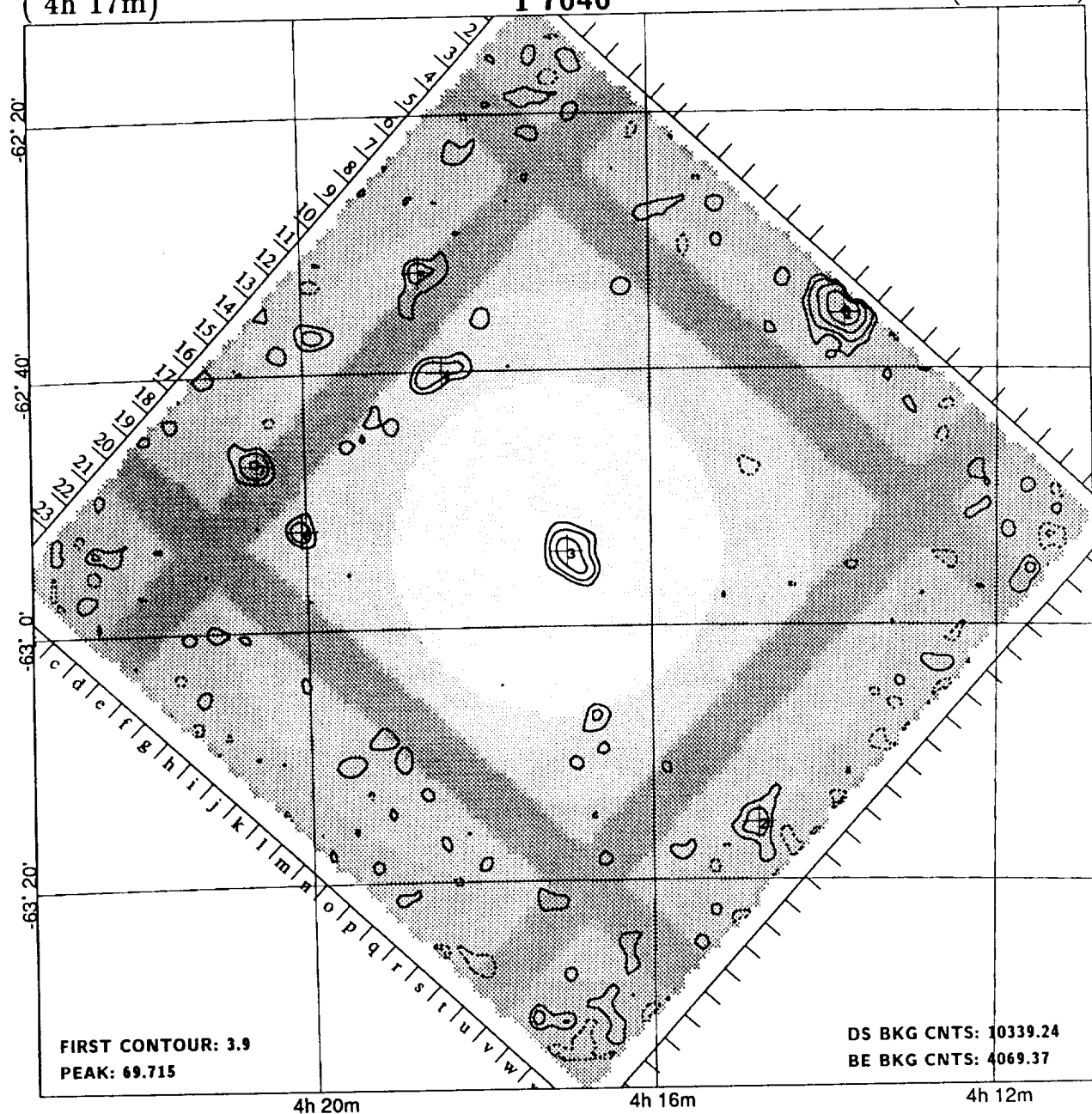
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
965	1	04 15 08.2	-55 54 42	55	0.0346	0.0096	14.4	1.6	3.6	1.2	0	17.0	H	

(4h 17m)

I 7046

(4h 17m)



NGC 1559, LATE GALAXY SURVEY

FIELD CENTER: $04^h 17^m 01.0^s$ $-62^\circ 54' 17''$ (B1950)
 $04^h 17^m 37.3^s$ $-62^\circ 47' 03''$ (J2000)
 $l: 274.51$ $b: -41.20$

DATE: 1980/104 - 1980/104
 LIVETIME: 8378.3s
 ROLL ANGLE: 42.4°

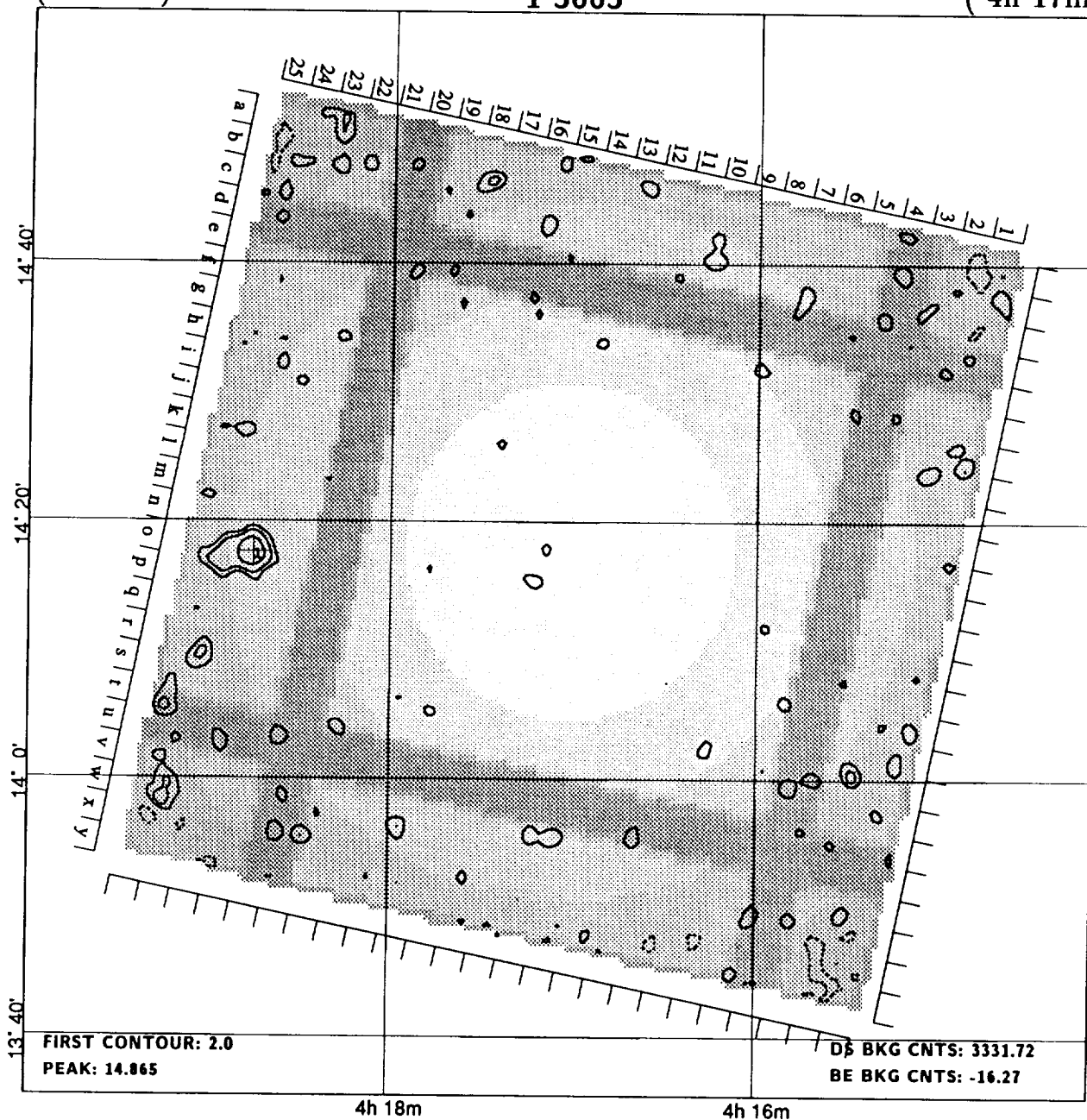
NH: $3.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
958	1	04 13 45.4	-62 35 39	48	*0.0493	0.0044	143.8	21.2	11.2	1.4	501	29.3	AH	
960	2	04 14 46.1	-63 15 30	55	0.0092	0.0023	31.1	26.9	4.1	1.2	0	26.0	H	
976	3	04 16 58.8	-62 54 04	31	0.0175	0.0019	109.1	34.9	9.1	1.5	0	0.4	H	G
982	4	04 18 23.9	-62 40 05	51	0.0087	0.0018	41.6	32.4	4.8	1.3	300	17.5		
983	5	04 18 39.1	-62 32 11	56	*0.0072	0.0019	26.7	21.3	3.9	1.2	803	24.7	H	
1002	6	04 20 03.2	-62 52 13	51	0.0075	0.0018	31.7	26.3	4.2	0.7	100	21.0		
1008	7	04 20 33.3	-62 47 04	52	*0.0113	0.0021	41.3	19.7	5.3	0.9	906	25.5	H	

(4h 17m)

I 3665

(4h 17m)



CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}17^{\text{m}}04.8^{\text{s}}$ $14^{\circ}17'23''$ (B1950)
 $04^{\text{h}}19^{\text{m}}54.0^{\text{s}}$ $14^{\circ}24'33''$ (J2000)
 $l: 180.13$ $b: -24.57$

DATE: 1980/ 41 - 1980/ 41
 LIVETIME: 2699.8s
 ROLL ANGLE: 101.7°

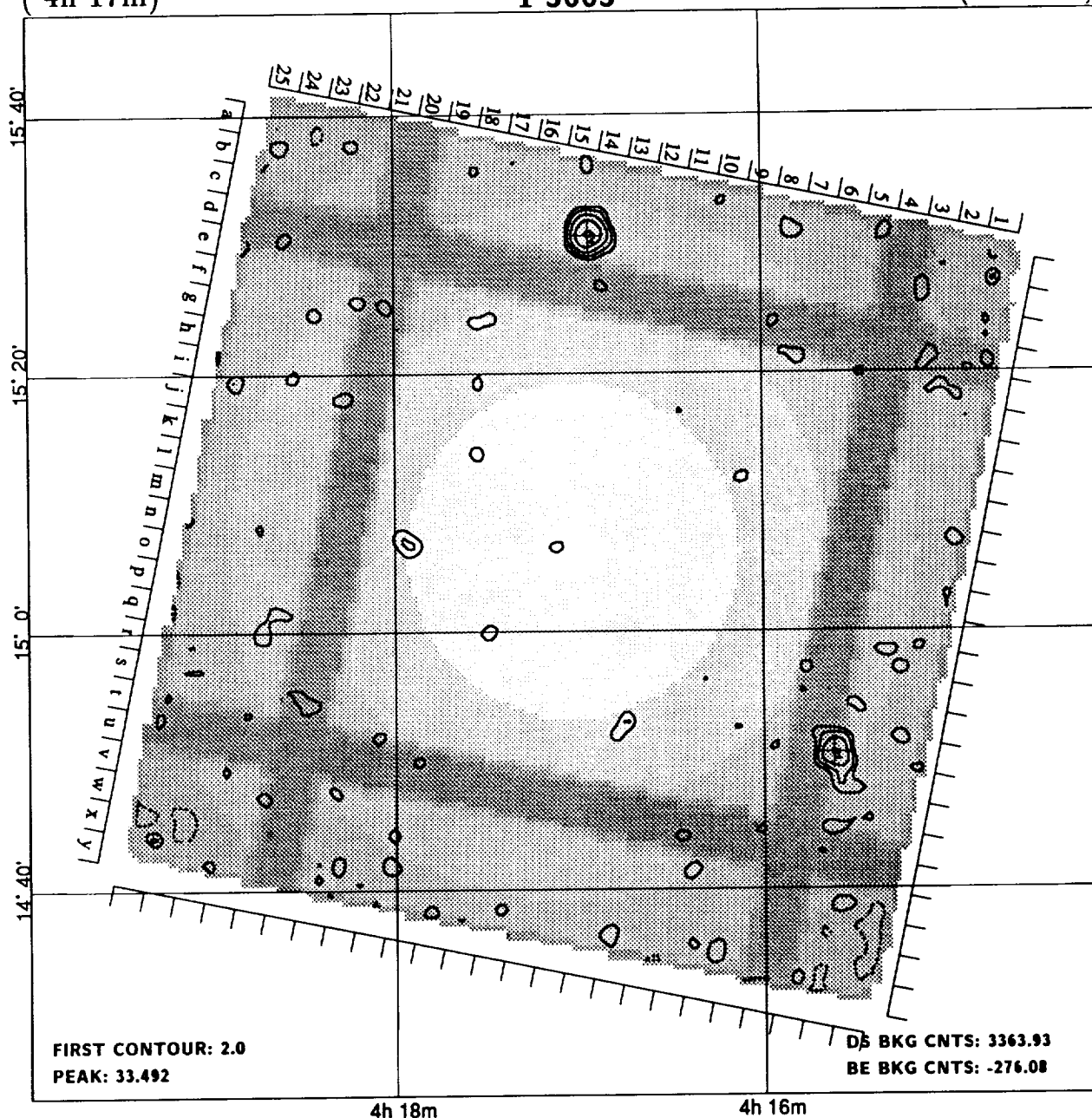
NH: $1.6\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
985	1	04 18 44.8	14 17 39	51	0.0281	0.0053	32.4	4.6	5.3	1.4	0	24.4	AH	S

(4h 17m)

I 3663

(4h 17m)



CENTRAL HYADES REGION

FIELD CENTER: 04^h17^m04.8^s 15°05'59" (B1950)
04^h19^m54.9^s 15°13'09" (J2000)
 l : 179.45 b : -24.05

DATE: 1980/ 41 - 1980/ 41
LIVETIME: 2725.9s
ROLL ANGLE: 101.5°

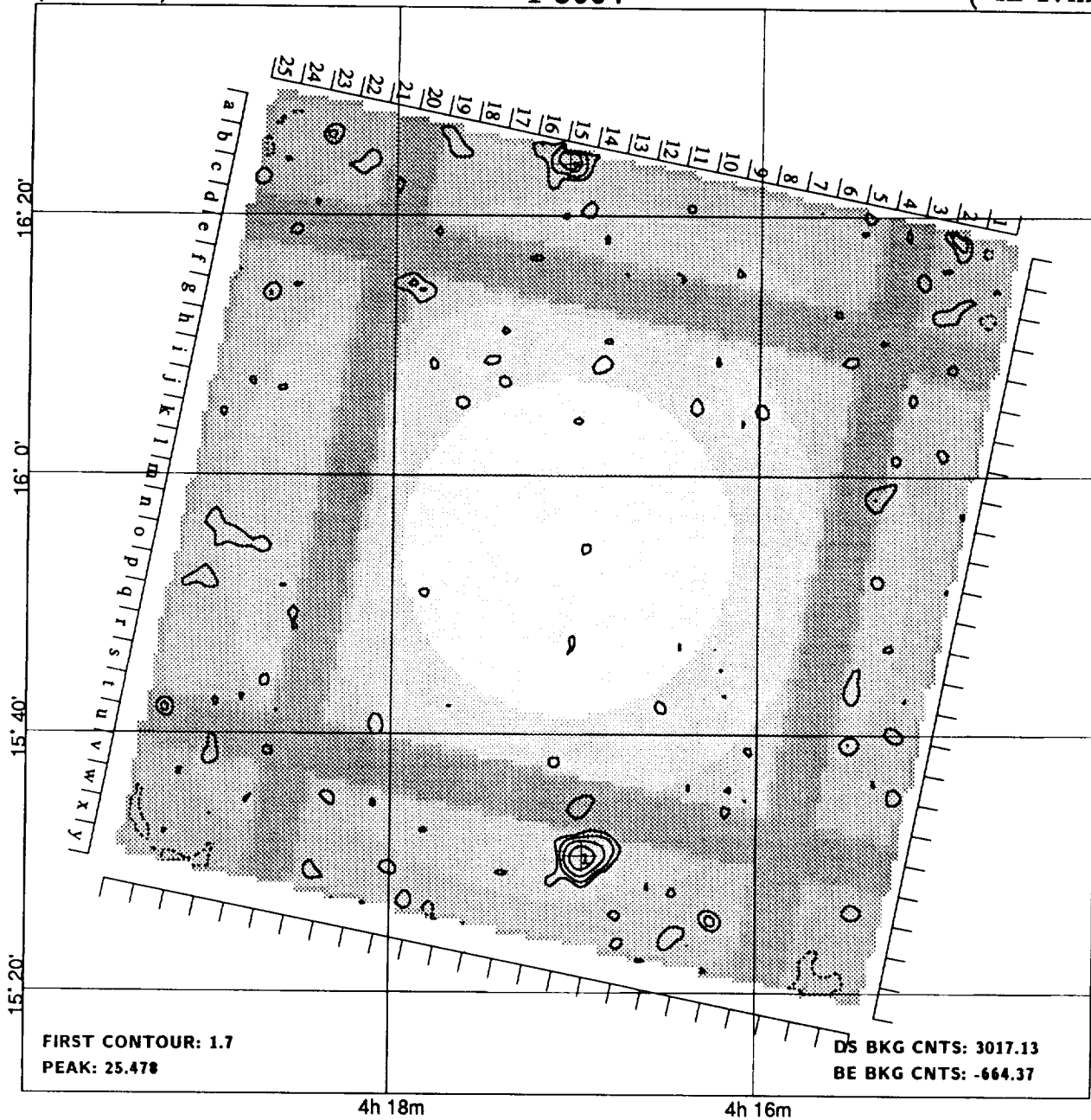
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
968	1	04 15 37.3	14 50 29	50	*0.0347	0.0058	39.6	4.4	6.0	1.1	1009	25.9	H	
975	2	04 16 56.6	15 30 37	48	0.0612	0.0074	73.2	4.8	8.3	1.0	200	24.7	AH	S

(4h 17m)

I 3664

(4h 17m)



FIELD CENTER: 04^h17^m04.8^s 15°53'59" (B1950)
04^h19^m55.8^s 16°01'09" (J2000)
 ℓ : 178.78 b : -23.54

DATE: 1980/ 41 - 1980/ 41
LIVETIME: 2444.9s
ROLL ANGLE: 101.3°

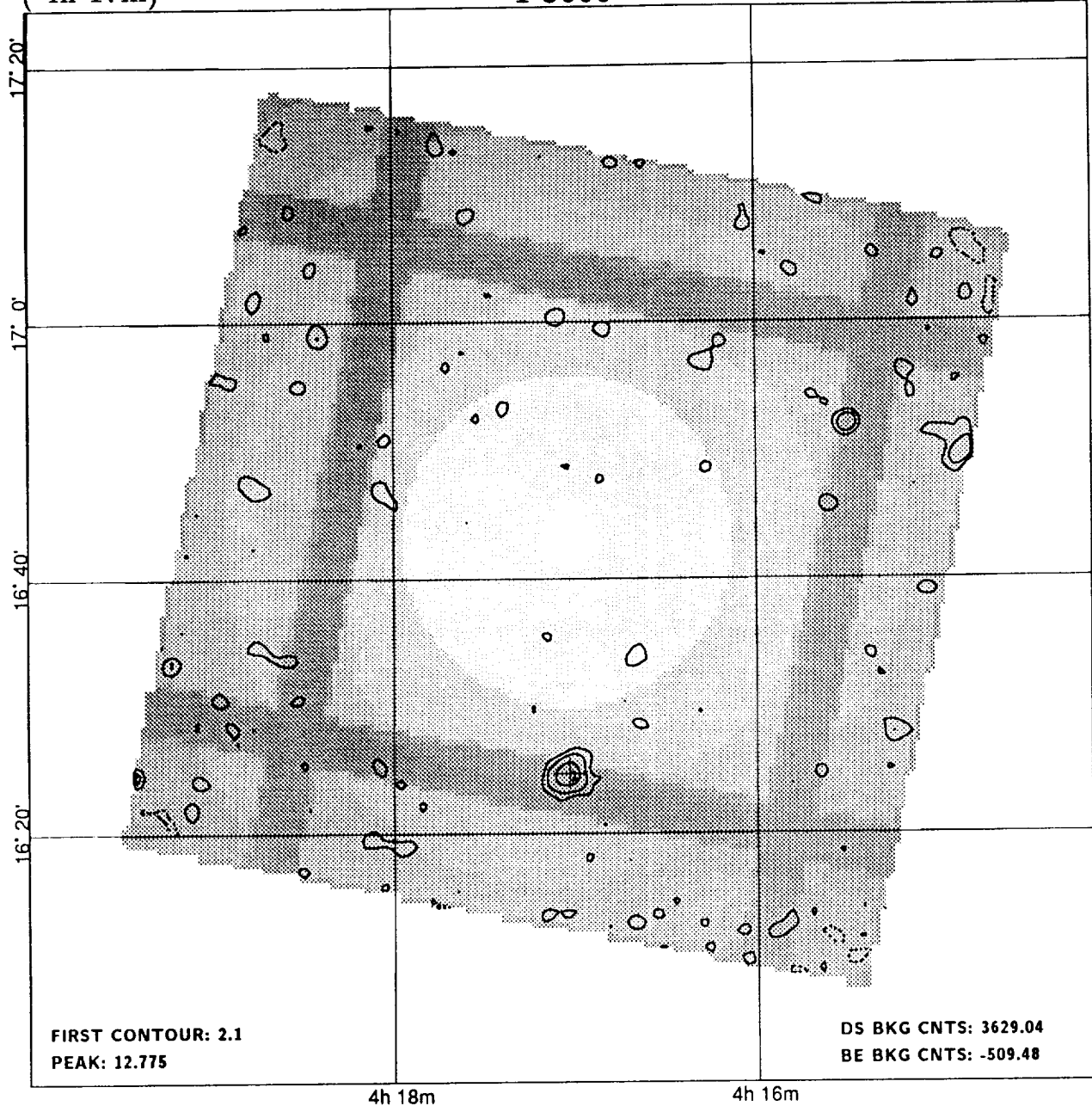
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
975	1	04 16 57.0	15 30 34	50	0.0533	0.0072	58.6	3.4	7.4	1.2	300	23.4	AH	S
977	2	04 17 03.1	16 24 04	52	*0.0247	0.0059	19.8	2.2	4.2	1.1	703	30.5	AH	S

(4h 17m)

I 3666

(4h 17m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 17^m 04.8^s$ $16^\circ 42' 35''$ (B1950)
 $04^h 19^m 56.7^s$ $16^\circ 49' 45''$ (J2000)
 $l: 178.11$ $b: -23.01$

DATE: 1980/ 41 - 1980/ 41
 LIVETIME: 2940.7s

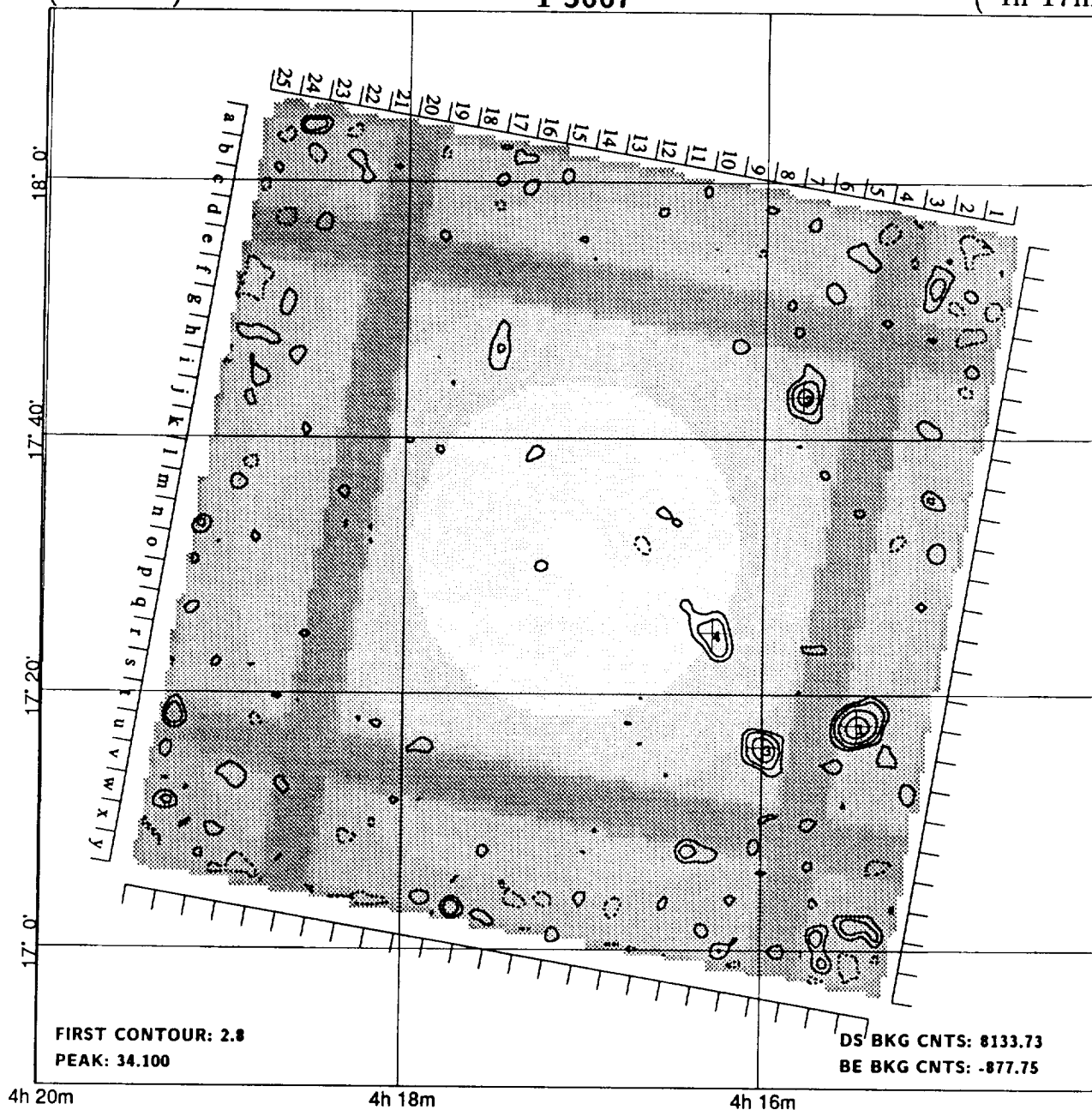
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
977	1	04 17 02.0	16 24 40	50	*0.0247	0.0042	39.2	4.8	5.9	1.2	1008	17.7	AH	S

(4h 17m)

I 3667

(4h 17m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 17^m 04.8^s$ $17^\circ 31' 11''$ (B1950)
 $04^h 19^m 57.7^s$ $17^\circ 38' 21''$ (J2000)
 $l: 177.44$ $b: -22.49$

DATE: 1980/ 51 - 1980/ 62
 LIVETIME: 6591.0s
 ROLL ANGLE: 99.7°

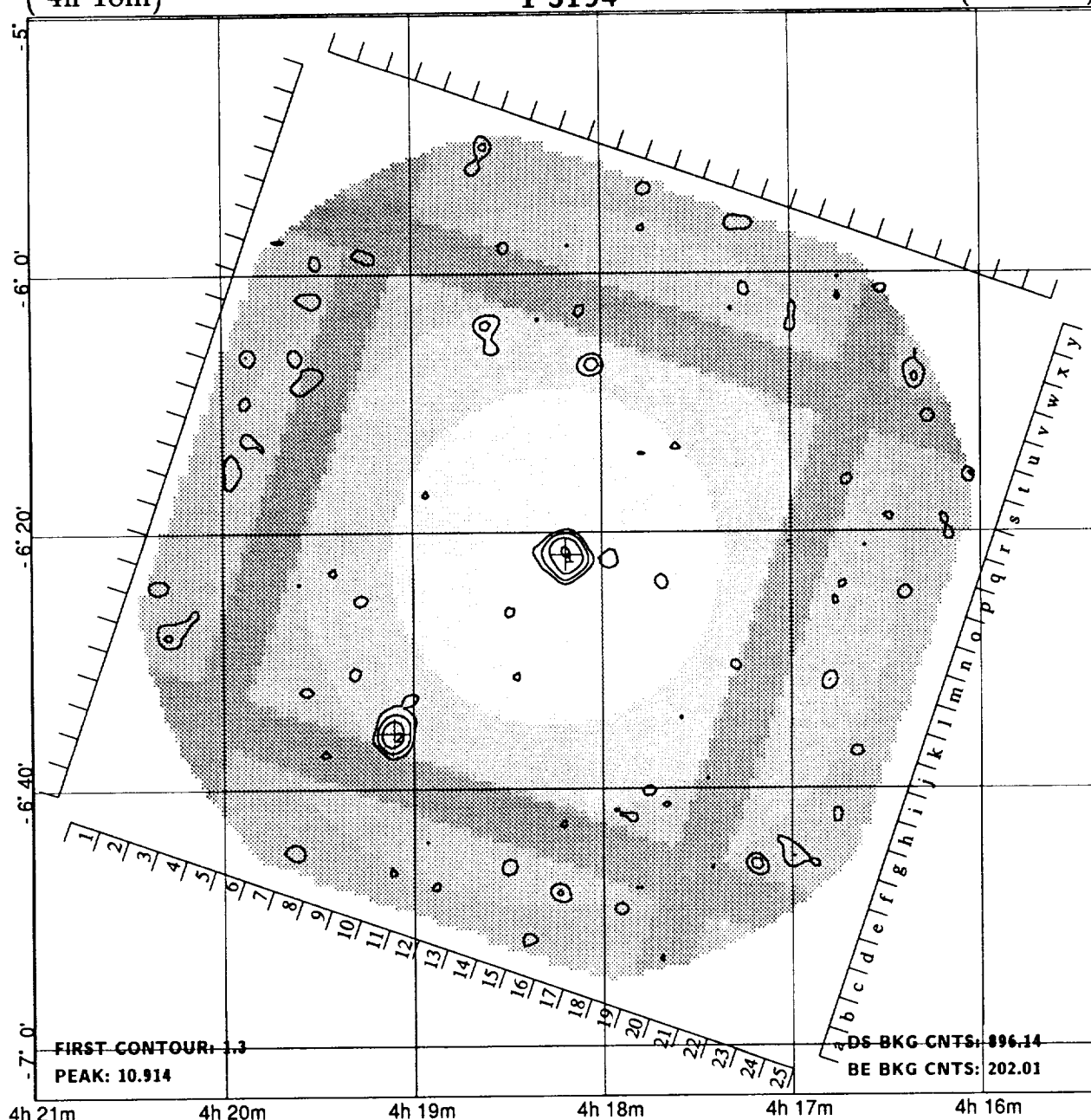
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
966	1	04 15 28.7	17 17 36	48	*0.0293	0.0036	79.1	12.9	8.2	1.1	703	26.5	AH	S
969	2	04 15 47.2	17 43 14	51	0.0107	0.0021	34.3	12.7	5.0	1.0	0	22.2	H	
970	3	04 15 59.6	17 15 52	50	0.0164	0.0025	52.7	10.3	6.6	0.9	100	21.9	AH	
972	4	04 16 16.8	17 24 47	42	0.0088	0.0018	36.5	16.5	5.0	1.1	0	13.0	AH	S

(4h 18m)

I 3194

(4h 18m)



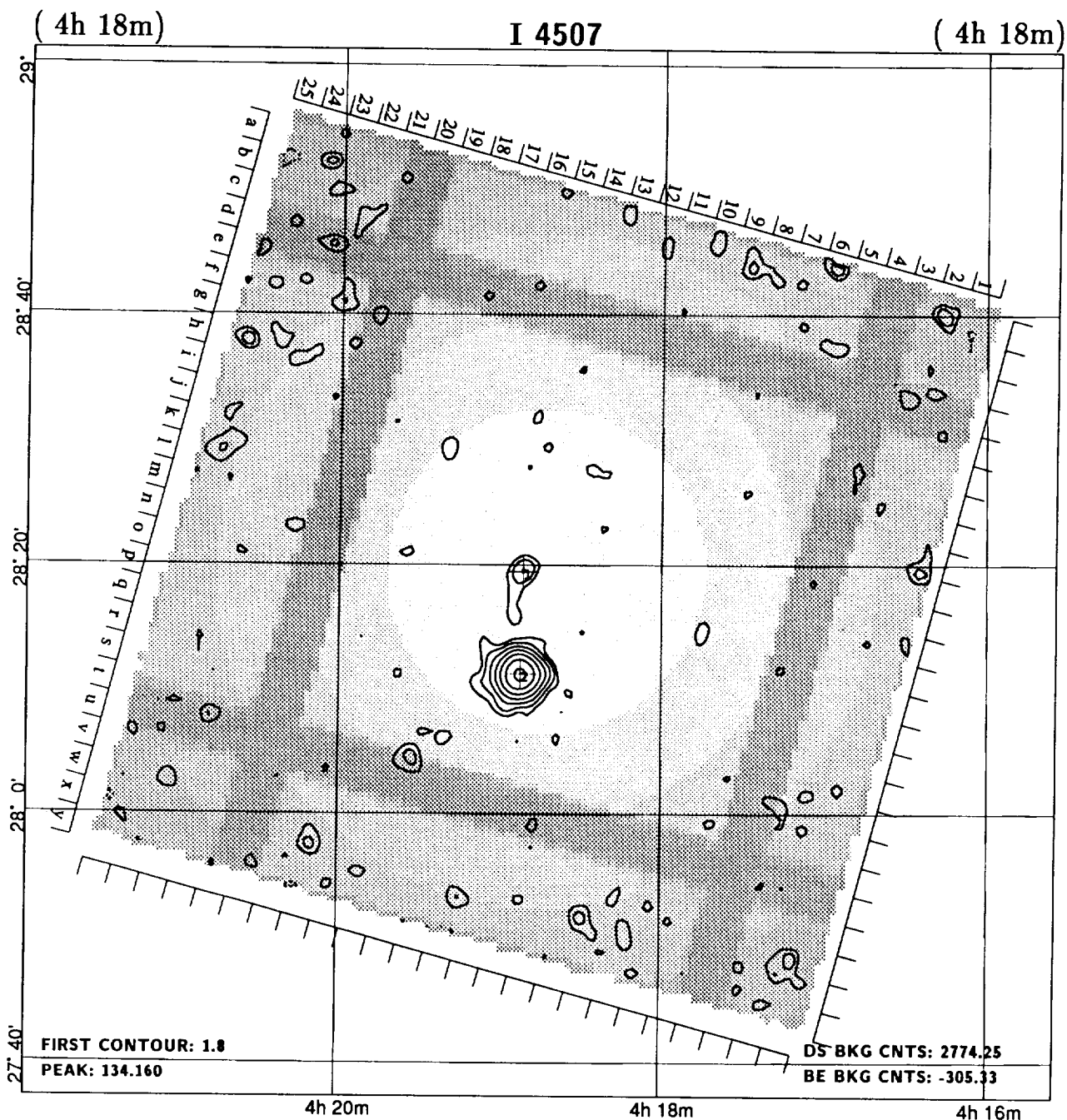
RS CVN SYSTEMS: HR 1362

FIELD CENTER: $04^h 18^m 11.3^s$ $-06^\circ 21' 47''$ (B1950)
 $04^h 20^m 38.3^s$ $-06^\circ 14' 41''$ (J2000)
 $l: 200.02$ $b: -36.20$

DATE: 1979/226 - 1979/226
 LIVETIME: 726.2s
 ROLL ANGLE: -71.0°

NH: $4.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
980	1	04 18 11.5	-06 21 45	35	0.097	0.014	52.2	2.8	7.0	1.2	0	0.7	H	CV
991	2	04 19 06.2	-06 35 40	51	0.073	0.014	28.3	1.7	5.2	1.1	500	19.4	H	



T TAURI STARS: RY TAU

FIELD CENTER: 04^h18^m45.0^s 28°19'13" (B1950)
04^h21^m51.5^s 28°26'16" (J2000)
 l : 169.24 b : -14.96

DATE: 1980/ 53 - 1980/ 53
LIVETIME: 2248.0s
ROLL ANGLE: 105.1°

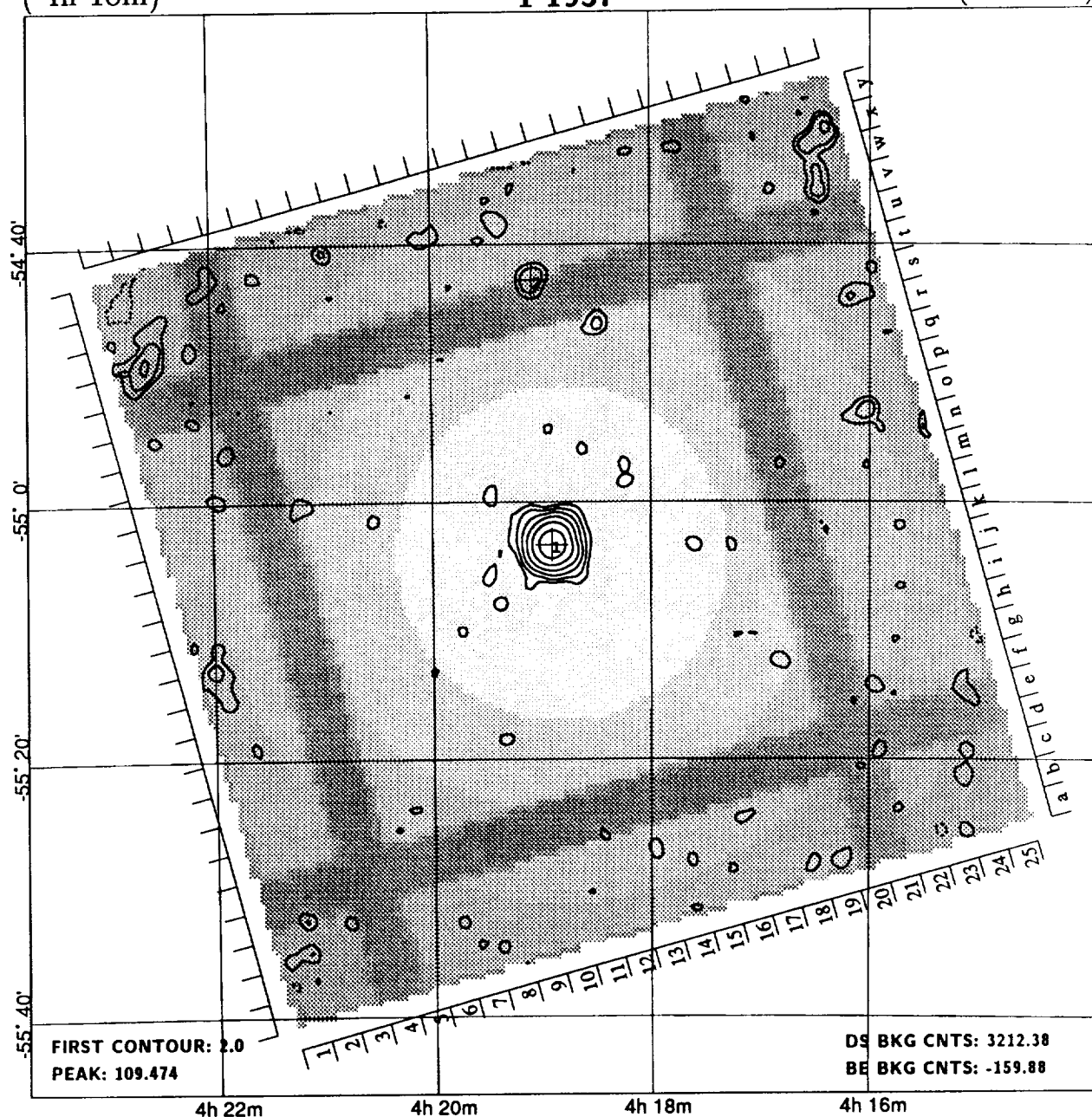
NH: 1.2E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
986	1	04 18 51.5	28 19 27	36	0.0139	0.0032	23.1	5.9	4.3	1.0	0	1.5		
987	2	04 18 52.3	28 11 13	37	0.336	0.015	514.3	5.7	22.6	1.2	0	8.1	AH	S

(4h 18m)

I 1937

(4h 18m)



NGC 1566: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $04^{\text{h}}18^{\text{m}}48.0^{\text{s}}$ $-55^{\circ}03'59''$ (B1950)
 $04^{\text{h}}19^{\text{m}}55.3^{\text{s}}$ $-54^{\circ}56'53''$ (J2000)
 $l: 264.33$ $b: -43.40$

DATE: 1979/263 - 1979/264
 LIVETIME: 2603.1s
 ROLL ANGLE: -105.3°

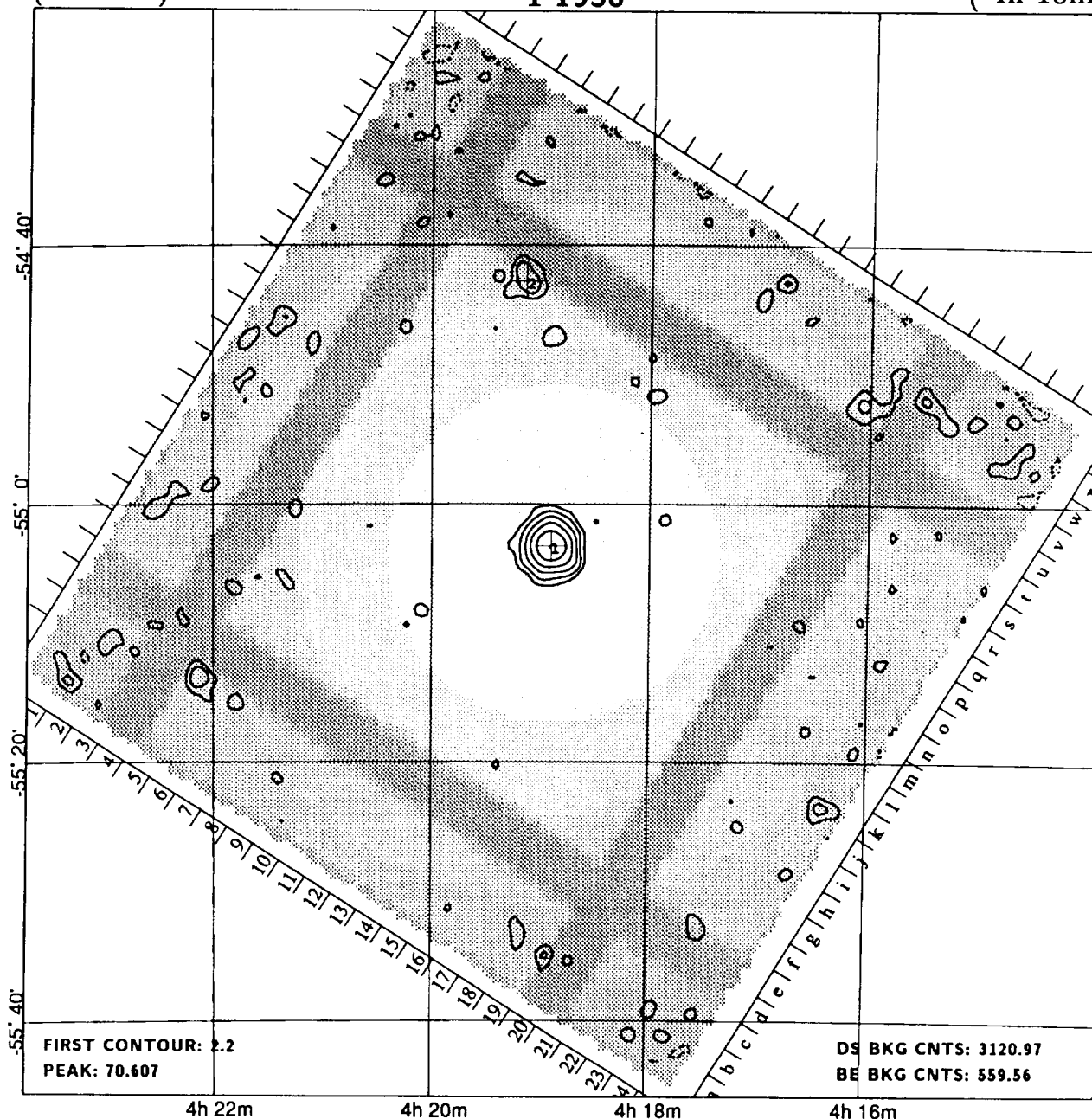
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
988	1	04 18 54.3	-55 03 18	31	0.258	0.012	500.2	6.8	22.2	1.4	0	1.1	AH	
992	2	04 19 04.7	-54 42 46	54	*0.0147	0.0037	18.6	3.4	4.0	0.8	1007	21.4	A	

(4h 18m)

I 1938

(4h 18m)



NGC 1566: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: 04^h18^m48.0^s -55°03'59" (B1950)
04^h19^m55.3^s -54°56'53" (J2000)
 ℓ : 264.33 b : -43.40

DATE: 1979/210 - 1979/210
LIVETIME: 2529.0s
ROLL ANGLE: -58.0°

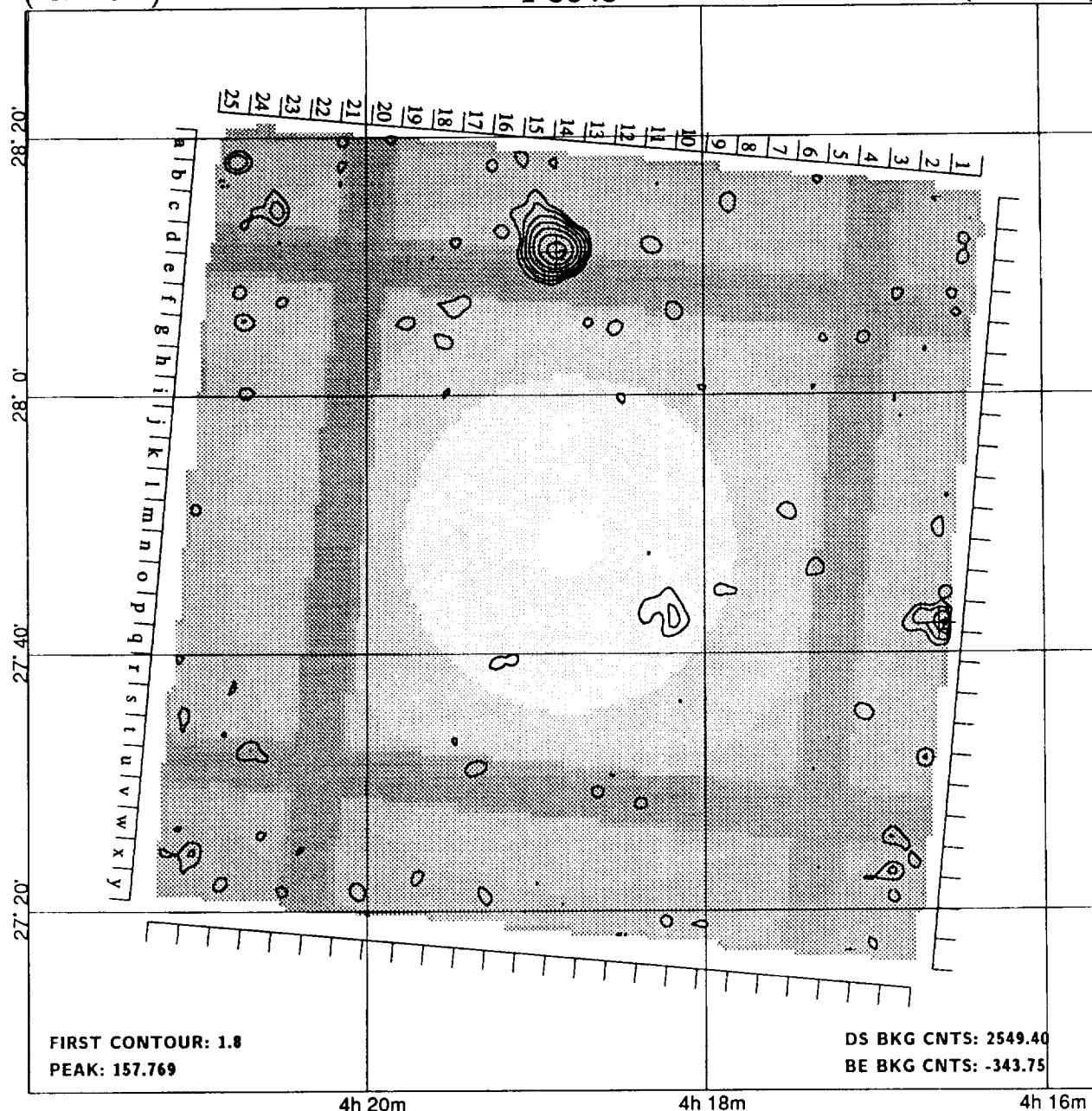
NH: 1.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
988	1	04 18 54.2	-55 03 14	31	0.1611	0.0094	303.7	8.3	17.2	1.3	0	1.3	AH	
992	2	04 19 08.5	-54 42 45	55	*0.0180	0.0043	22.4	6.6	4.2	1.0	703	21.4	AH	

(4h 18m)

I 3843

(4h 18m)

FIELD CENTER: 04^h18^m49.9^s 27°48'03" (B1950)

DATE: 1980/ 53 - 1980/ 53

NH: 1.1E+21

04^h21^m55.7^s 27°55'05" (J2000)

LIVETIME: 2065.8s

REF/ID:

ℓ: 169.65 b: -15.30

ROLL ANGLE: 95.2°

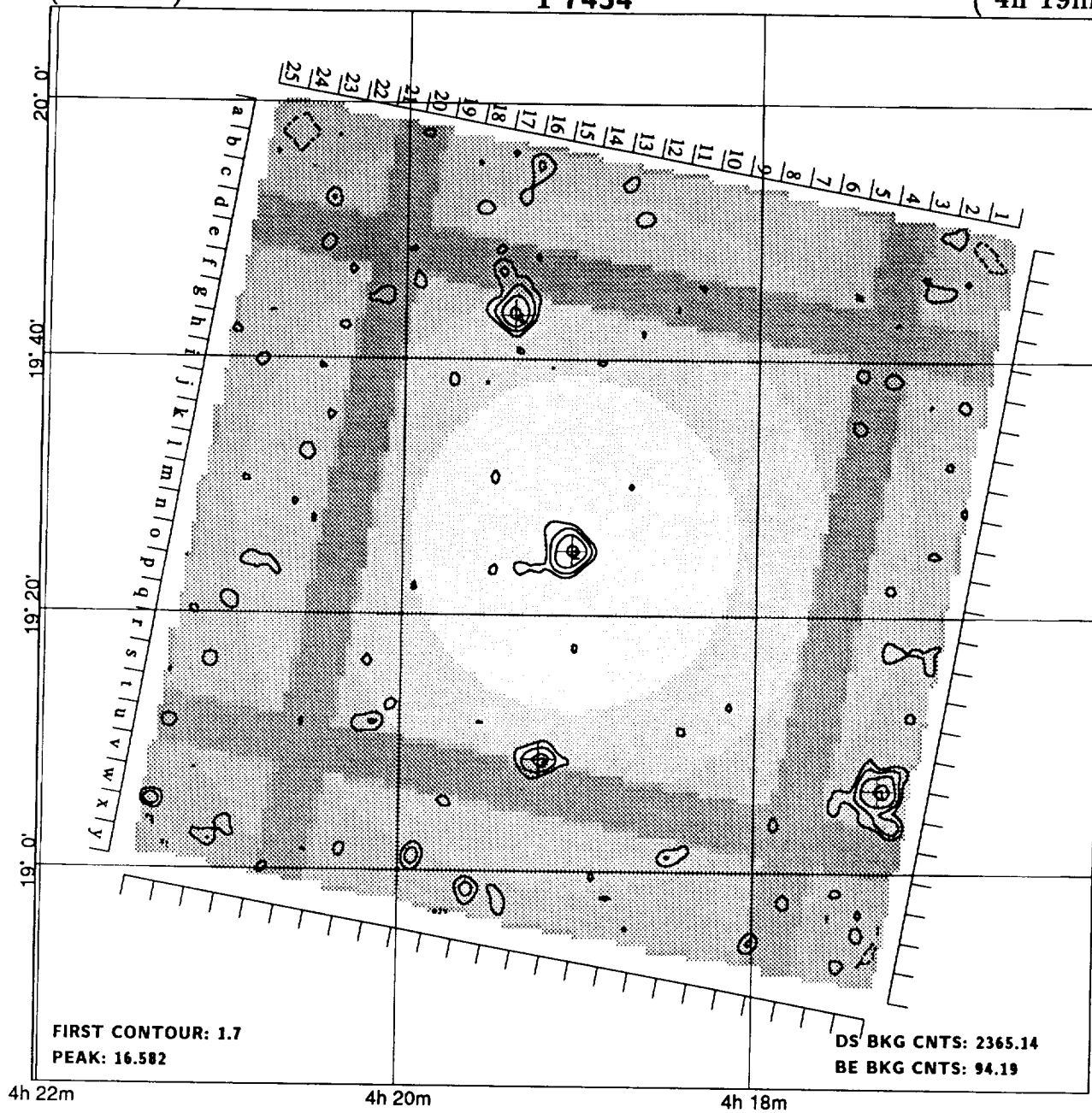
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
974	1	04 16 37.1	27 42 19	55	*0.0246 0.0067	15.5	2.5	3.6	1.0	603	29.7	EH
987	2	04 18 52.2	28 11 06	47	*0.402 0.020	388.2	2.8	19.6	1.2	906	23.1	AH S

(4h 19m)

I 7434

(4h 19m)



FIELD CENTER: 04^h19^m04.0^s 19°25'04" (B1950)
04^h21^m59.2^s 19°32'06" (J2000)
ℓ: 176.23 b: -20.89

DATE: 1981/ 41 - 1981/ 41
LIVETIME: 1916.5s
ROLL ANGLE: 100.2°

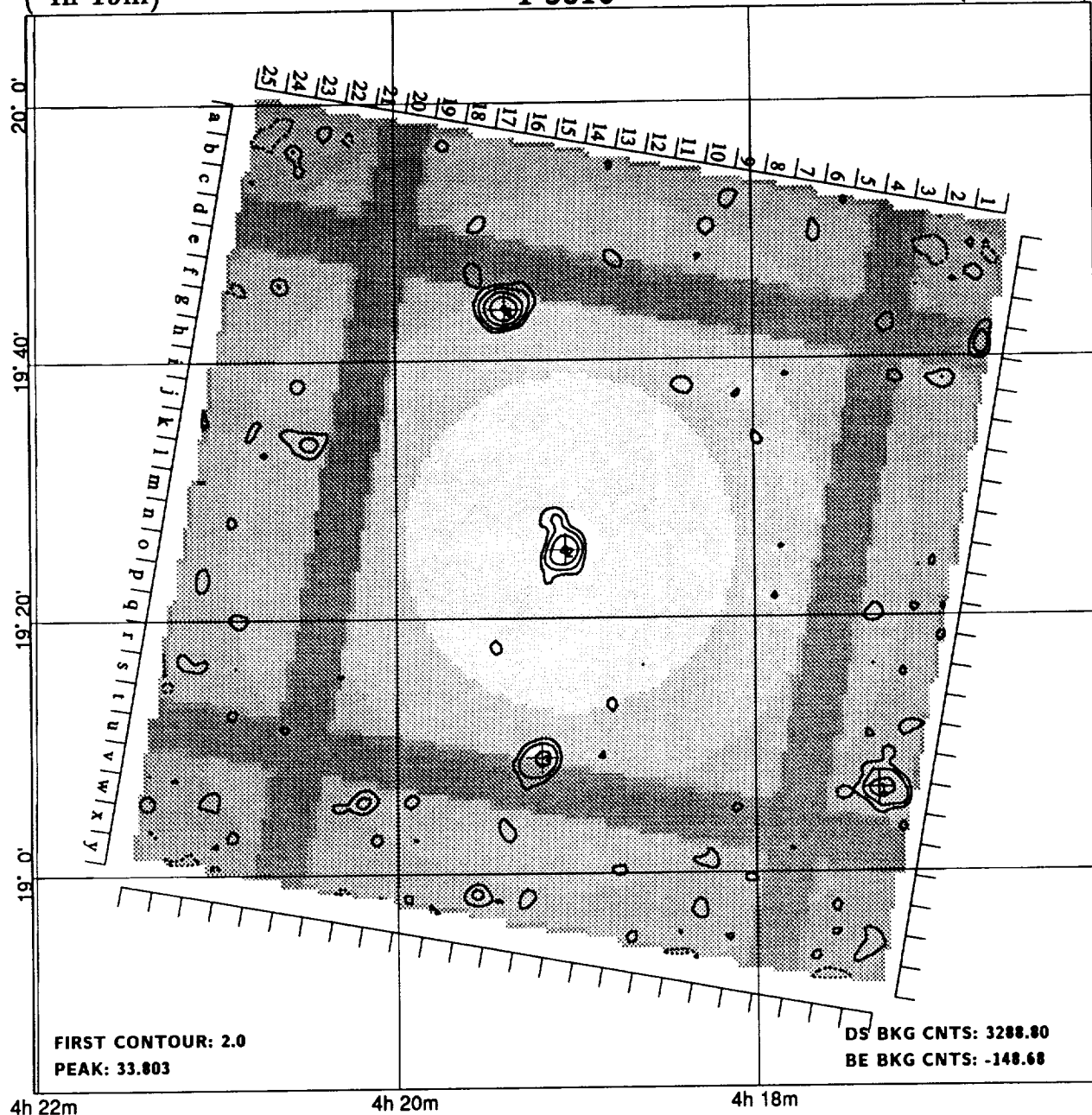
NH: 1.9E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
978	1	04 17 18.6	19 06 28	51	0.0527	0.0096	33.9	4.1	5.5	1.4	0	31.1	AH	
990	2	04 19 02.6	19 25 03	32	0.0482	0.0061	68.8	6.2	7.9	1.2	0	0.2	AH	S
993	3	04 19 13.1	19 08 45	51	*0.0221	0.0049	23.7	4.3	4.5	0.9	703	16.3	AH	
994	4	04 19 22.8	19 43 27	50	0.0436	0.0068	44.5	4.5	6.4	1.2	200	18.8	AH	

(4h 19m)

I 3816

(4h 19m)



FIELD CENTER: 04^h19^m04.0^s 19°25'18" (B1950)
04^h21^m59.2^s 19°32'20" (J2000)
l: 176.23 b: -20.89

DATE: 1980/ 46 - 1980/ 46
LIVETIME: 2665.0s
ROLL ANGLE: 100.1°

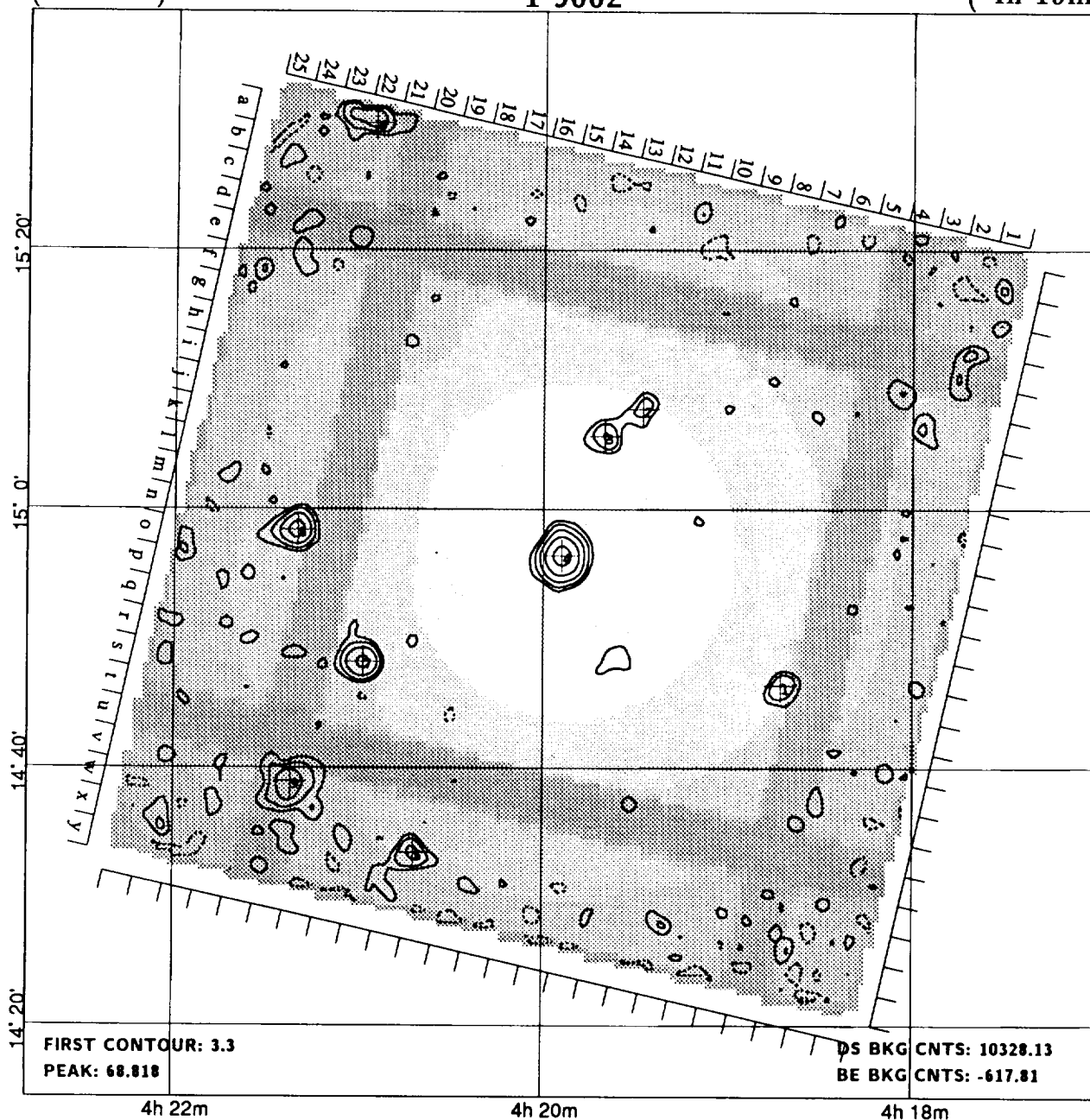
NH: 1.9E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
978	1	04 17 19.1	19 06 30	55	0.0246	0.0059	21.8	5.2	4.2	1.4	0	30.8	AH	
990	2	04 19 03.5	19 25 18	32	0.0349	0.0044	69.4	7.6	7.9	1.1	0	0.2	AH	S
993	3	04 19 11.7	19 09 01	51	*0.0238	0.0043	35.5	5.5	5.5	1.1	806	16.8	A	
994	4	04 19 23.4	19 43 54	48	0.0614	0.0068	86.8	5.2	9.0	1.0	500	19.0	AH	

(4h 19m)

I 9002

(4h 19m)



SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 3

FIELD CENTER: $04^{\text{h}}19^{\text{m}}54.0^{\text{s}}$ $14^{\circ}56'24''$ (B1950)
 $04^{\text{h}}22^{\text{m}}44.0^{\text{s}}$ $15^{\circ}03'23''$ (J2000)
 $l: 180.06$ $b: -23.63$

DATE: 1981/ 30 - 1981/ 30
 LIVETIME: 8369.1s
 ROLL ANGLE: 102.7°

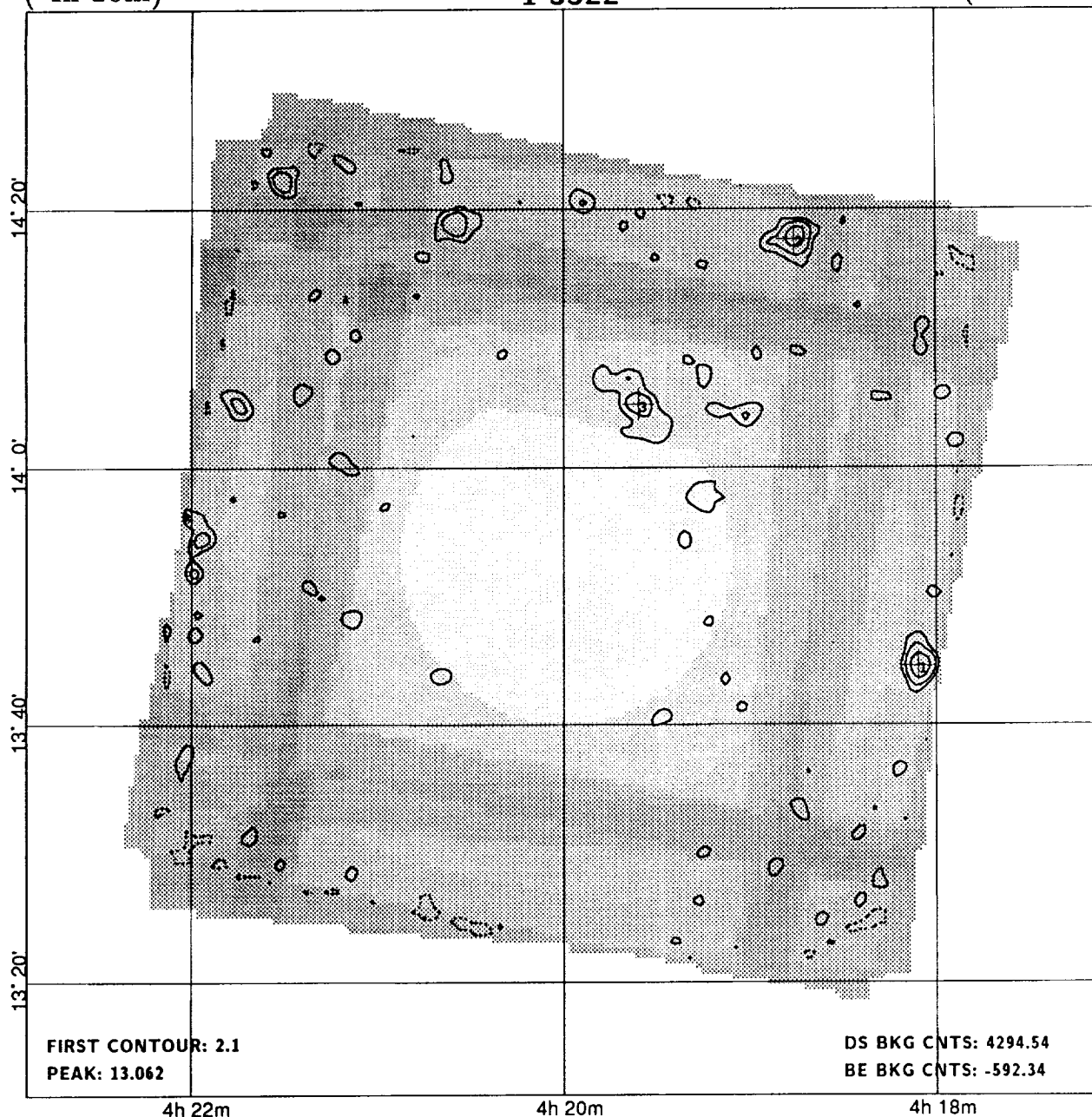
NH: $1.6\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
984	1	04 18 42.6	14 46 22	51	*0.0077	0.0016	33.7	13.3	4.9	0.8	603	19.9		
995	2	04 19 27.6	15 07 44	42	0.0054	0.0013	28.9	22.1	4.1	2.0	0	13.0		
997	3	04 19 40.0	15 05 39	41	0.0089	0.0015	50.2	19.8	6.0	1.3	0	9.8	H	
1000	4	04 19 53.9	14 56 24	31	0.0469	0.0029	292.8	24.2	16.4	1.2	0	0.2	AH	S
1012	5	04 20 41.9	14 33 27	51	0.0086	0.0020	29.3	16.7	4.3	0.9	0	25.6	A	S
1015	6	04 20 55.3	15 29 51	55	*0.0121	0.0030	23.1	9.9	4.0	1.3	602	36.9	AH	
1017	7	04 20 58.6	14 48 11	48	0.0207	0.0023	93.4	17.6	8.9	1.0	0	17.6	AH	S
1019	8	04 21 20.1	14 58 24	48	*0.0218	0.0025	89.0	15.0	8.7	1.0	603	20.8	H	
1020	9	04 21 22.1	14 38 56	51	*0.0153	0.0024	48.4	8.6	6.4	1.5	1309	27.7	AH	S

(4h 20m)

I 3522

(4h 20m)



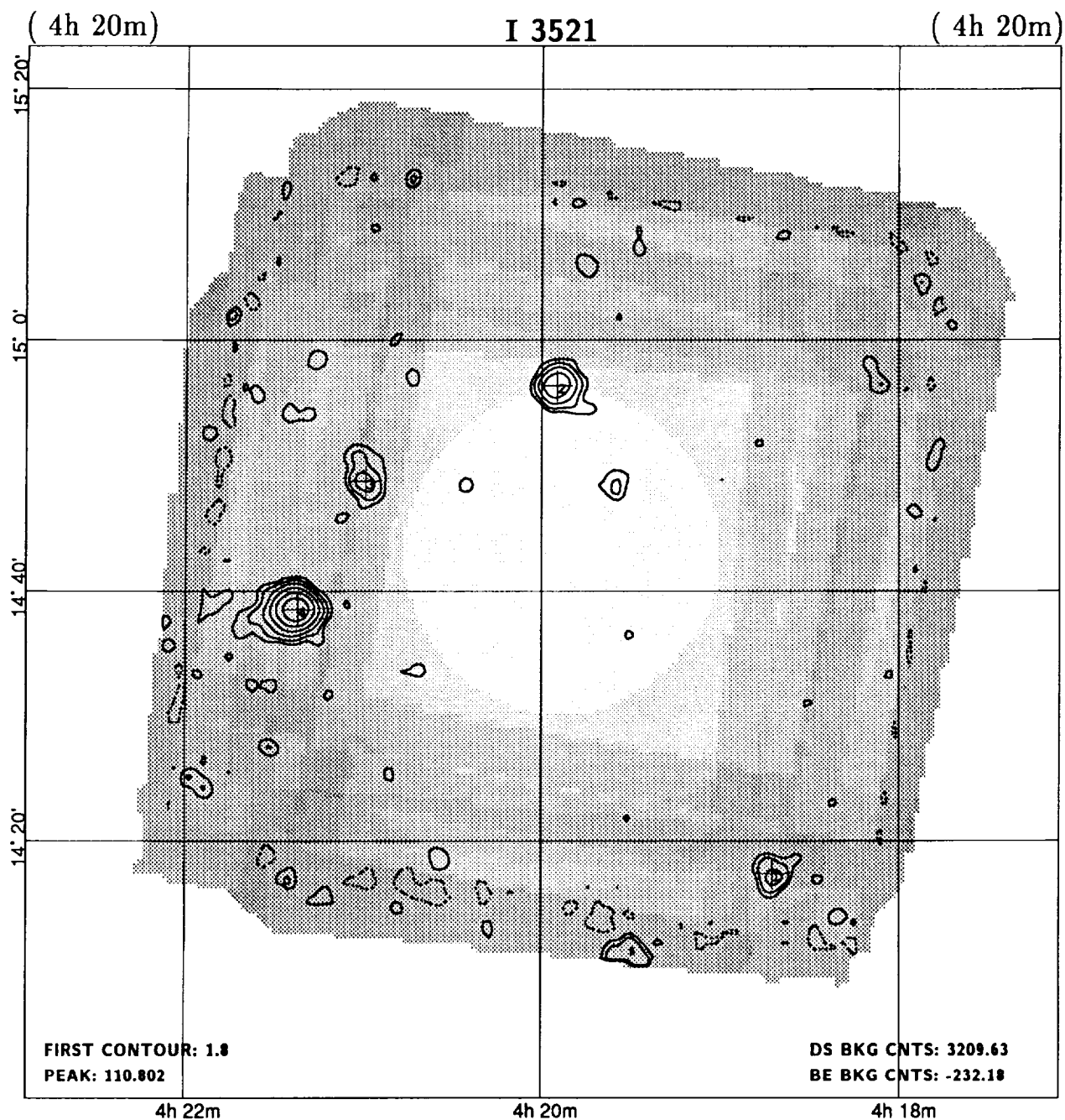
CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}20^{\text{m}}00.0^{\text{s}}$ $13^{\circ}53'23''$ (B1950)
 $04^{\text{h}}22^{\text{m}}48.8^{\text{s}}$ $14^{\circ}00'21''$ (J2000)
 $l: 180.96$ $b: -24.28$

DATE: 1979/252 - 1980/ 41
 LIVETIME: 3480.0s

NH: $1.6\text{E}+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
979	1	04 18 05.7	13 44 33	51	0.0206	0.0044	26.3	5.7	4.7	1.0	400	28.9	H	S
985	2	04 18 45.5	14 17 39	52	*0.0189	0.0045	21.8	5.2	4.2	1.0	703	30.3	AH	S
996	3	04 19 35.7	14 04 50	42	0.0110	0.0026	24.0	8.0	4.2	1.9	0	12.8	H	



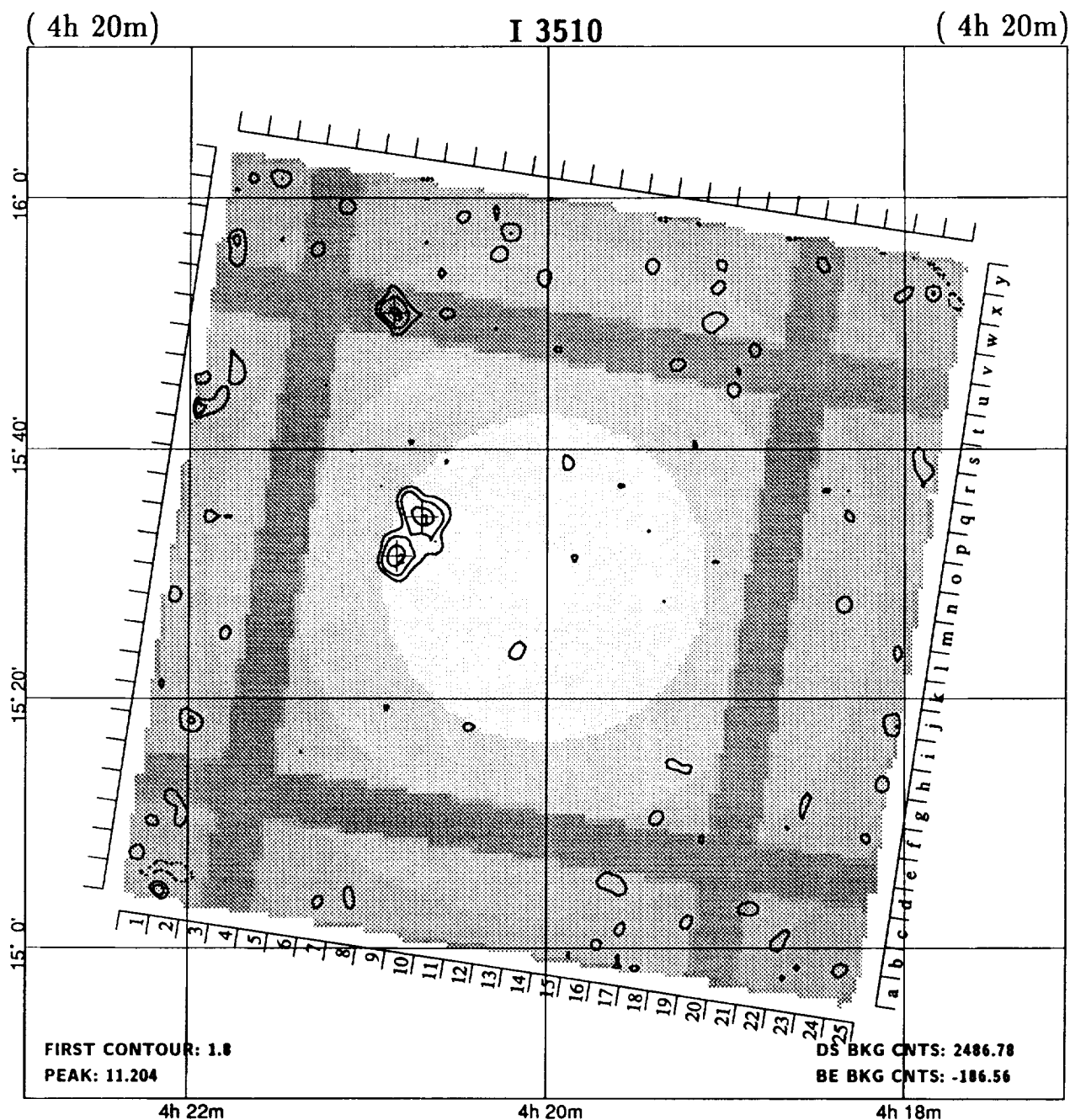
CENTRAL HYADES REGION

FIELD CENTER: 04^h20^m00.0^s 14°41'23" (B1950)
04^h22^m49.7^s 14°48'21" (J2000)
 ℓ : 180.29 b : -23.77

DATE: 1979/252 - 1980/ 50
LIVETIME: 2600.8s

NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
985	1	04 18 42.2	14 17 21	55	*0.0223	0.0054	19.7	3.3	4.1	0.9	1609	30.4	A S	
1000	2	04 19 54.9	14 56 21	48	0.0564	0.0060	92.4	5.6	9.3	1.1	0	15.1	AH S	
1017	3	04 20 59.5	14 48 43	51	*0.0203	0.0039	30.0	4.0	5.2	1.2	1609	15.9	A S	
1020	4	04 21 22.3	14 38 31	47	*0.221	0.013	280.5	4.5	16.6	1.2	1609	20.3	A S	



CENTRAL HYADES REGION

FIELD CENTER: $04^h20^m00.0^s$ $15^\circ29'59''$ (B1950)
 $04^h22^m50.6^s$ $15^\circ36'57''$ (J2000)
 $l: 179.60$ $b: -23.26$

DATE: 1979/253 - 1979/253
 LIVETIME: 2015.1s
 ROLL ANGLE: -81.5°

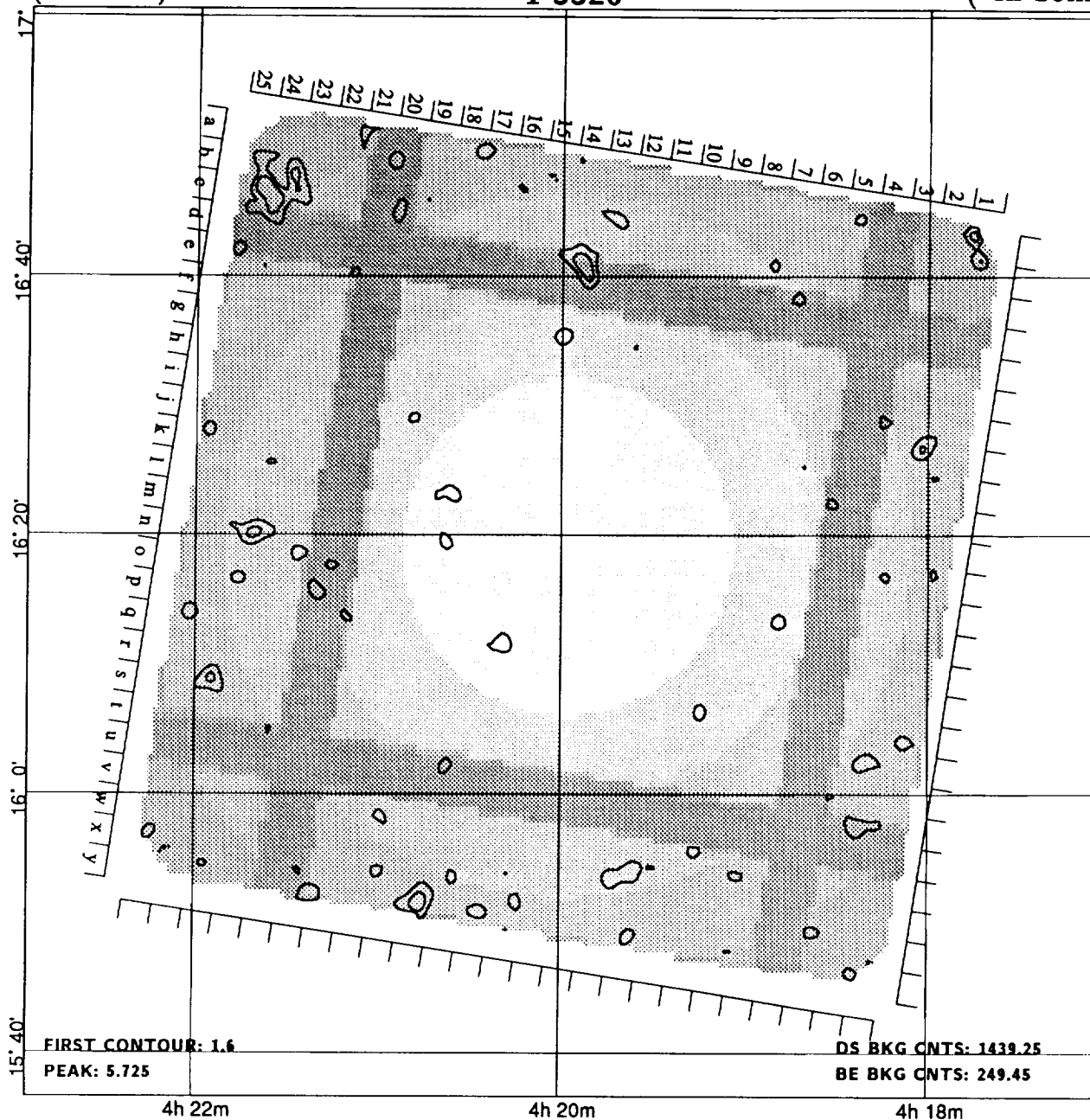
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1011	1	04 20 42.2	15 34 33	42	0.0289	0.0050	37.9	5.1	5.8	3.5	0	12.7		
1015	2	04 20 50.7	15 31 26	42	0.0250	0.0047	32.0	5.0	5.3	2.5	0	12.5	AH	
1014	3	04 20 51.7	15 50 47	55	*0.0194	0.0051	17.2	2.8	3.8	1.0	1609	24.5	A	

(4h 20m)

I 3520

(4h 20m)

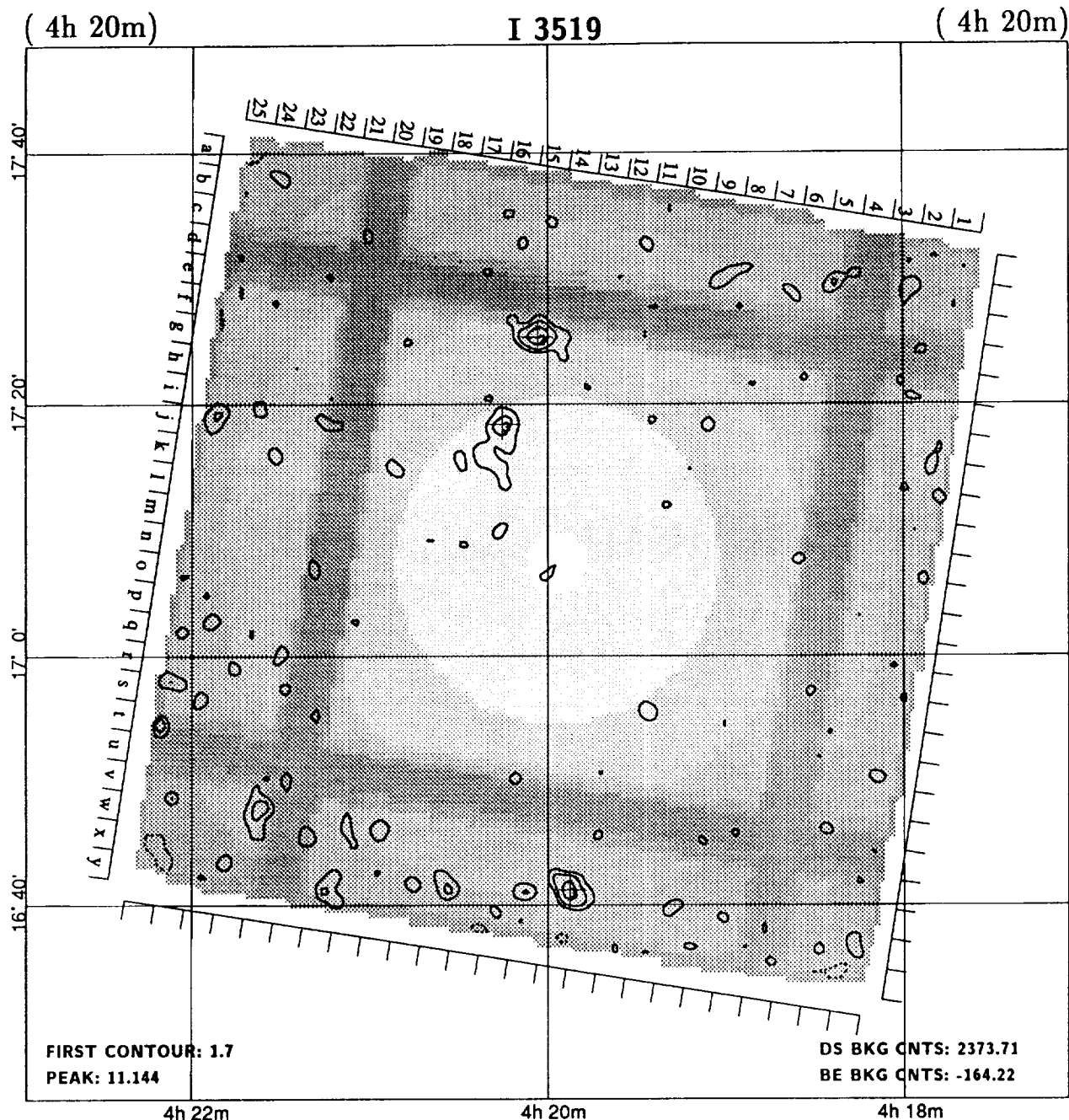


CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}20^{\text{m}}00.0^{\text{s}}$ $16^{\circ}18'35''$ (B1950)
 $04^{\text{h}}22^{\text{m}}51.6^{\text{s}}$ $16^{\circ}25'33''$ (J2000)
 $l: 178.93$ $b: -22.74$

DATE: 1979/ 66 - 1979/ 66
 LIVETIME: 1166.3s
 ROLL ANGLE: 98.8°

NH: $1.6\text{E}+21$
 REF/ID:
 FIELD FLAGS:



CENTRAL HYADES REGION

FIELD CENTER: $04^h 20^m 00.0^s$ $17^\circ 06' 35''$ (B1950)
 $04^h 22^m 52.5^s$ $17^\circ 13' 33''$ (J2000)
 $l: 178.27$ $b: -22.22$

DATE: 1979/ 66 - 1979/ 66
 LIVETIME: 1923.5s
 ROLL ANGLE: 98.9°

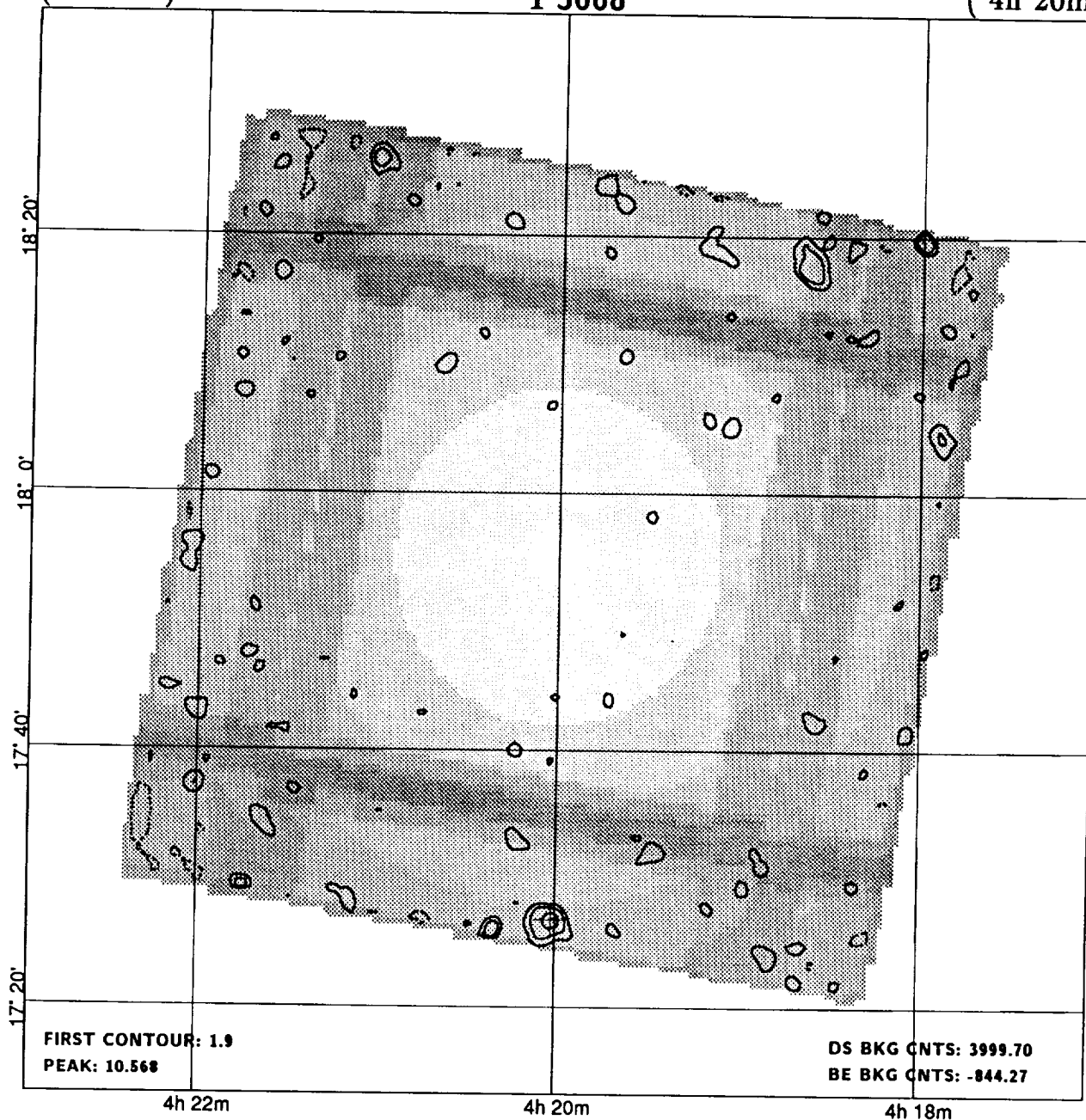
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
999	1	04 19 52.7	16 41 16	52	0.0306	0.0067	24.3	3.7	4.6	1.0	0	25.5	H	S
1001	2	04 20 03.5	17 25 18	51	*0.0254	0.0052	26.7	3.3	4.9	1.1	703	18.5	AH	S
1004	3	04 20 15.4	17 18 25	46	0.0131	0.0037	16.2	4.8	3.5	1.5	0	12.3	H	

(4h 20m)

I 3668

(4h 20m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 20^m 00.0^s$ $17^\circ 55' 11''$ (B1950)
 $04^h 22^m 53.4^s$ $18^\circ 02' 09''$ (J2000)
 $l: 177.60$ $b: -21.70$

DATE: 1979/252 - 1980/ 51
 LIVETIME: 3241.1s

NH: $1.7E+21$

REF/ID: I

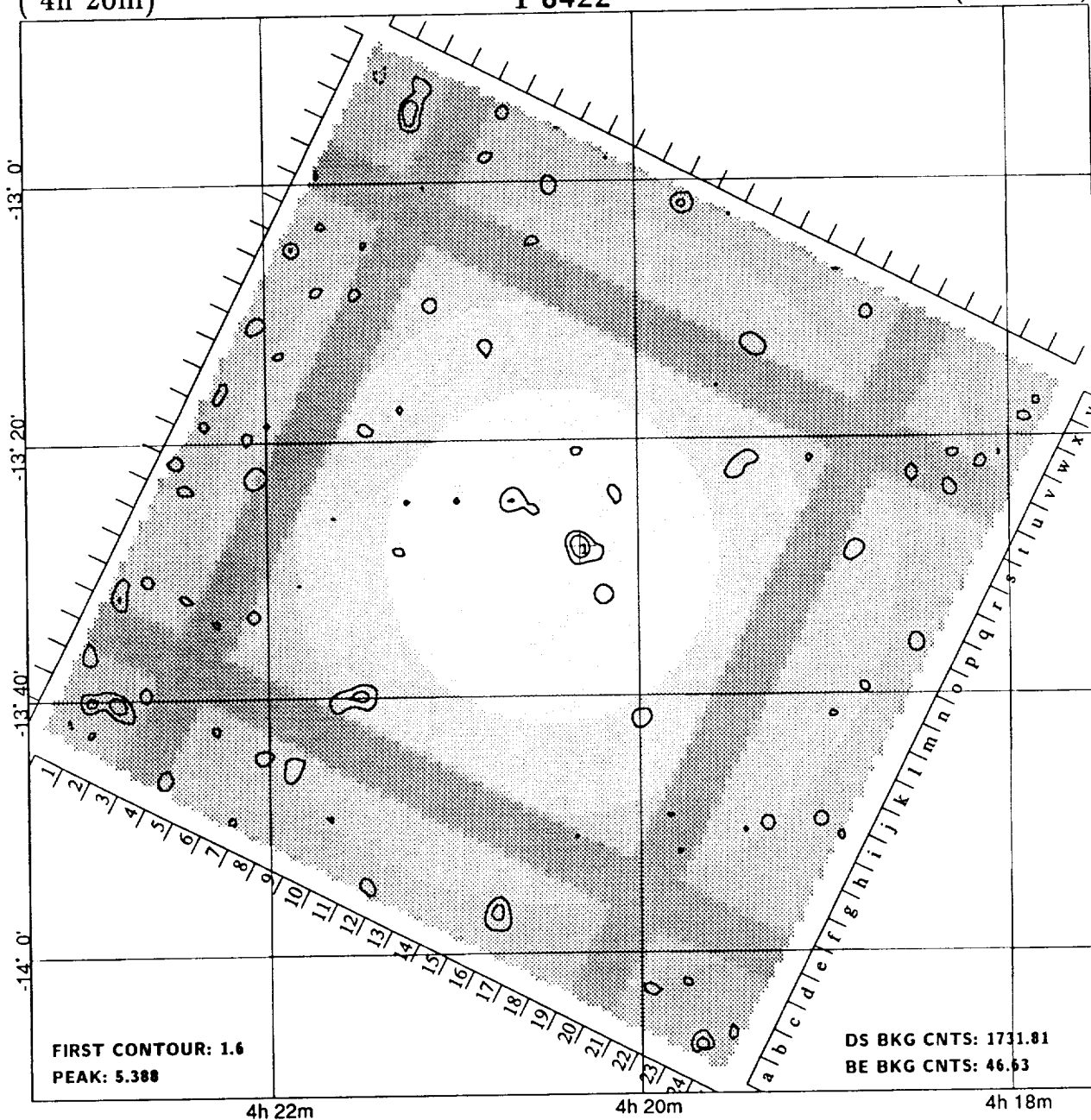
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1001	1	04 20 01.4	17 26 48	54	0.0169	0.0042	20.7	5.3	4.1	1.1	0	28.1	AH	S

(4h 20m)

I 8422

(4h 20m)



AH ERI, CATAclySMIC VARIABLES

FIELD CENTER: $04^h 20^m 24.7^s$ $-13^\circ 28' 58''$ (B1950)
 $04^h 22^m 43.9^s$ $-13^\circ 22' 01''$ (J2000)
 $l: 208.34$ $b: -38.95$

DATE: 1980/220 - 1980/220
 LIVETIME: 1403.3s
 ROLL ANGLE: -63.2°

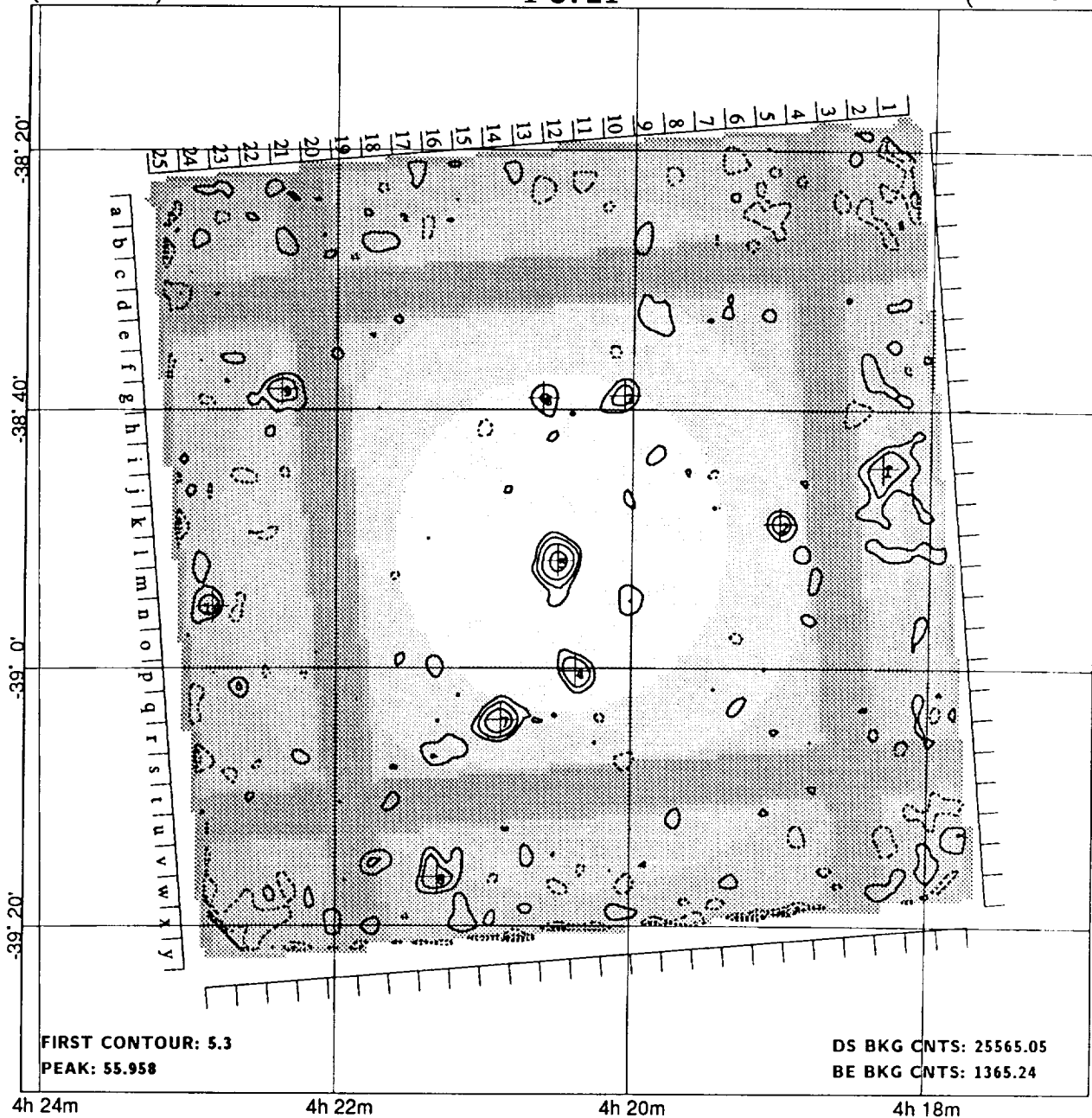
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1005	1	04 20 18.8	-13 28 16	37	0.0182	0.0046	18.8	4.2	3.9	0.8	0	1.4	H	

(4h 20m)

I 3721

(4h 20m)



FIELD CENTER: $04^h 20^m 30.0^s$ $-38^\circ 50' 59''$ (B1950)
 $04^h 22^m 14.9^s$ $-38^\circ 44' 01''$ (J2000)
 $l: 241.75$ $b: -44.91$

DATE: 1979/ 67 - 1979/ 68
 LIVETIME: 20716.1s
 ROLL ANGLE: 85.4°

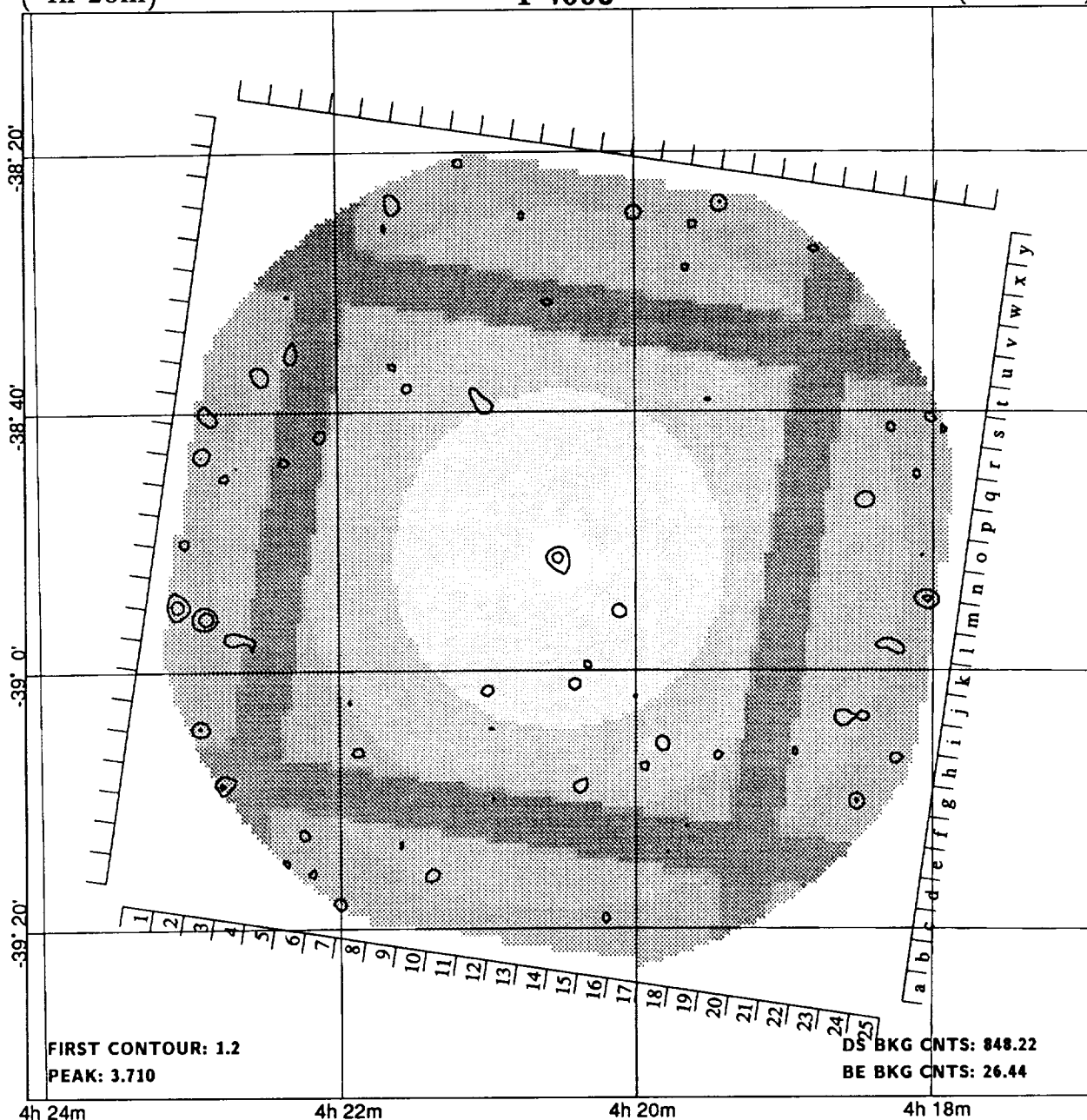
NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
981	1	04 18 19.1	-38 44 28	53	0.0062	0.0011	53.7	44.3	5.4	1.6	500	26.0	H	
989	2	04 19 00.3	-38 48 47	51	0.00327	0.00077	37.6	40.4	4.3	0.7	0	17.6	H	
1003	3	04 20 03.4	-38 38 55	42	0.00317	0.00077	41.6	60.4	4.1	0.8	0	13.4	H	*
1006	4	04 20 22.6	-39 00 12	41	0.00574	0.00086	79.2	62.8	6.6	0.8	0	9.3	H	*
1007	5	04 20 30.0	-38 51 41	31	0.0156	0.0011	239.1	65.9	13.7	1.1	0	0.7	H	Q
1010	6	04 20 36.5	-38 39 05	42	0.00313	0.00076	42.1	63.9	4.1	0.6	0	12.0		
1016	7	04 20 52.9	-39 03 59	38	0.0100	0.0011	124.6	57.4	9.2	1.0	0	13.7	H	*
1018	8	04 21 18.4	-39 16 12	56	0.0048	0.0011	39.0	44.0	4.3	1.1	0	26.9	H	
1025	9	04 22 22.2	-38 38 25	57	0.0046	0.0010	41.2	37.8	4.6	1.0	500	25.4	H	
1028	10	04 22 50.0	-38 55 12	97	0.0045	0.0011	35.8	41.2	4.1	0.8	0	27.7		

(4h 20m)

I 4008

(4h 20m)



FIELD CENTER: $04^h 20^m 30.0^s$ $-38^\circ 50' 59''$ (B1950)
 $04^h 22^m 14.9^s$ $-38^\circ 44' 01''$ (J2000)
 $l: 241.75$ $b: -44.91$

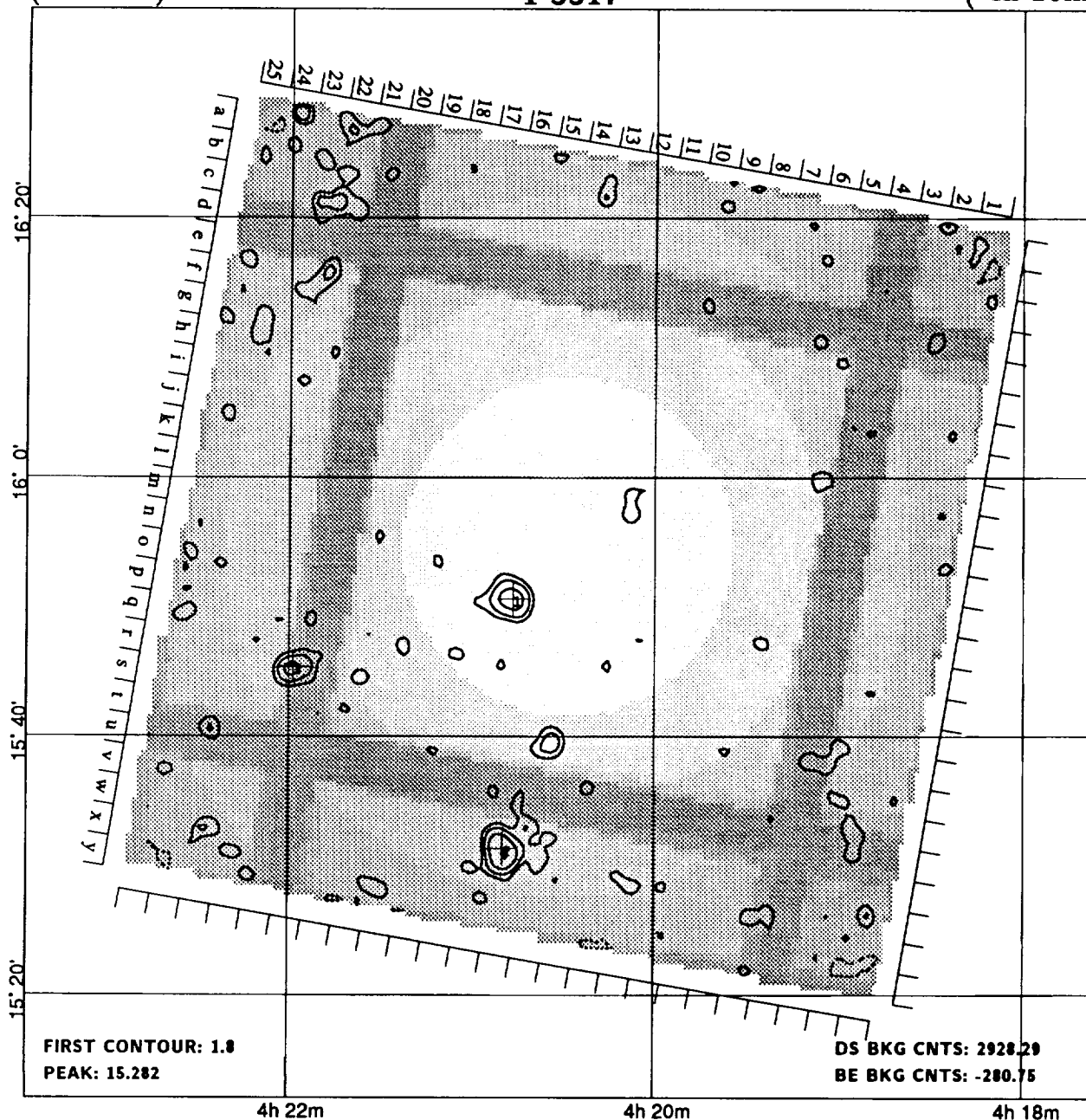
DATE: 1979/238 - 1979/238
 LIVETIME: 687.3s
 ROLL ANGLE: -81.5°

NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS:

(4h 20m)

I 3517

(4h 20m)



CENTRAL HYADES REGION

FIELD CENTER: 04^h20^m31.2^s 15°53'59" (B1950)
04^h23^m22.3^s 16°00'55" (J2000)
ℓ: 179.36 b: -22.91

DATE: 1979/ 66 - 1980/ 51
LIVETIME: 2372.9s
ROLL ANGLE: 99.7°

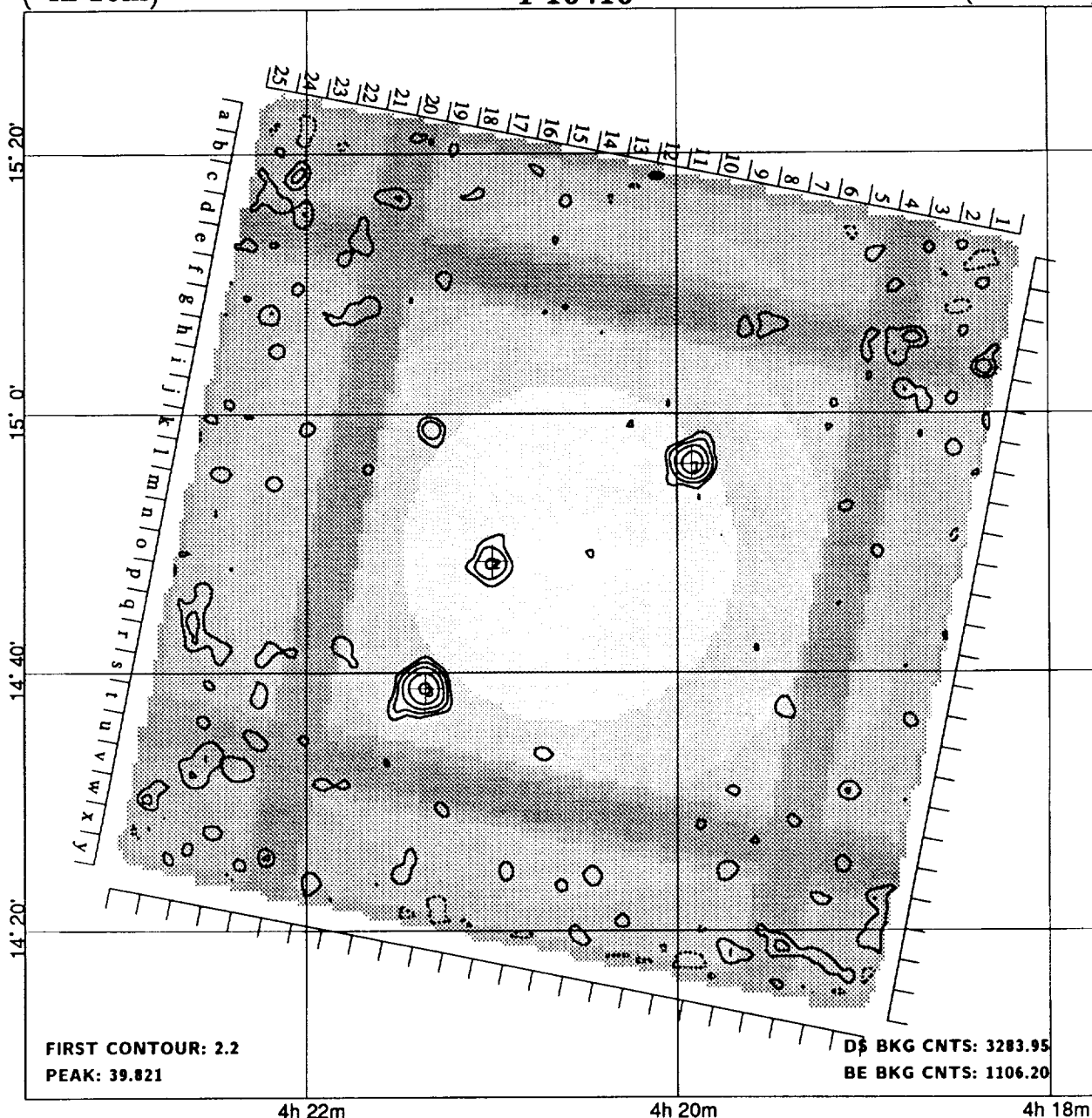
NH: 1.6E+21
REF/ID: I
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1014	1	04 20 46.5	15 50 34	35	0.0296	0.0044	49.5	5.5	6.7	1.1	0	4.9	AH	
1015	2	04 20 49.8	15 31 16	50	0.0349	0.0061	37.1	4.9	5.7	1.3	0	23.3	AH	
1022	3	04 21 58.7	15 45 19	53	*0.0174	0.0043	18.8	3.2	4.0	1.0	906	22.9	A	*

(4h 20m)

I 10410

(4h 20m)



SEARCH FOR CORONAL ACTIVITY IN HYADES X-RAY SOURCES

FIELD CENTER: 04^h20^m37.0^s 14°49'09" (B1950)
04^h23^m26.9^s 14°56'05" (J2000)
ℓ: 180.28 b: -23.58

DATE: 1981/ 41 - 1981/ 41
LIVETIME: 2661.1s
ROLL ANGLE: 101.2°

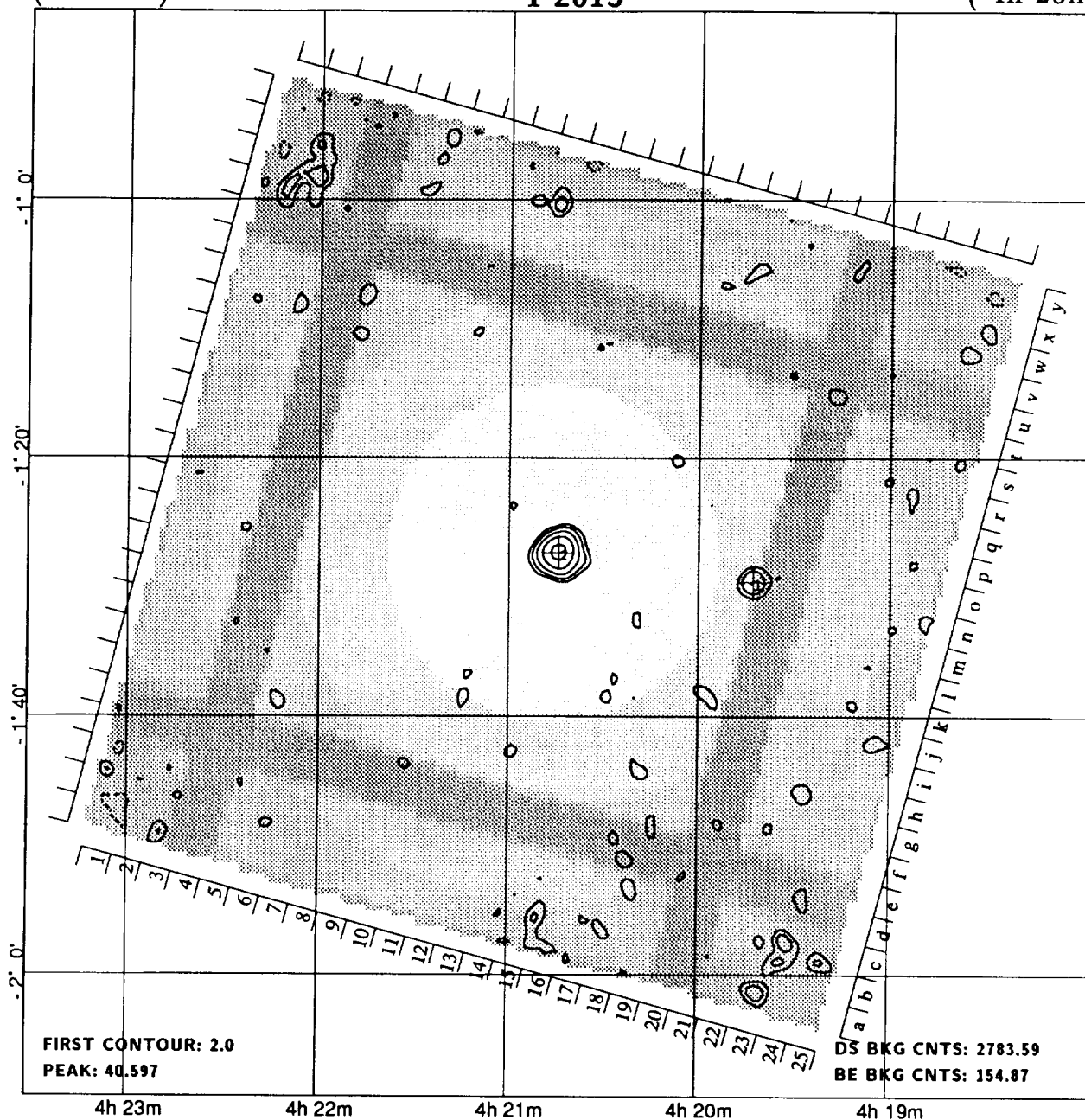
NH: 1.6E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1000	1L	04 19 55.2	14 56 07	38	0.0563	0.0069	96.5	12.5	8.0	1.0	0	12.2	A	S
1017	2L	04 21 00.0	14 48 39	41	0.0188	0.0045	35.2	14.8	4.1	1.0	0	5.6	A	S
1020	3L	04 21 21.6	14 38 46	38	0.0785	0.0087	122.6	18.4	8.9	1.1	0	15.0	A	S

(4h 20m)

I 2015

(4h 20m)



PKS 0420-01: STUDY, QUASARS,

FIELD CENTER: $04^h 20^m 43.5^s$ $-01^\circ 27' 27''$ (B1950)
 $04^h 23^m 15.7^s$ $-01^\circ 20' 32''$ (J2000)
 $l: 195.29$ $b: -33.14$

DATE: 1979/226 - 1979/226
 LIVETIME: 2255.6s
 ROLL ANGLE: -75.0°

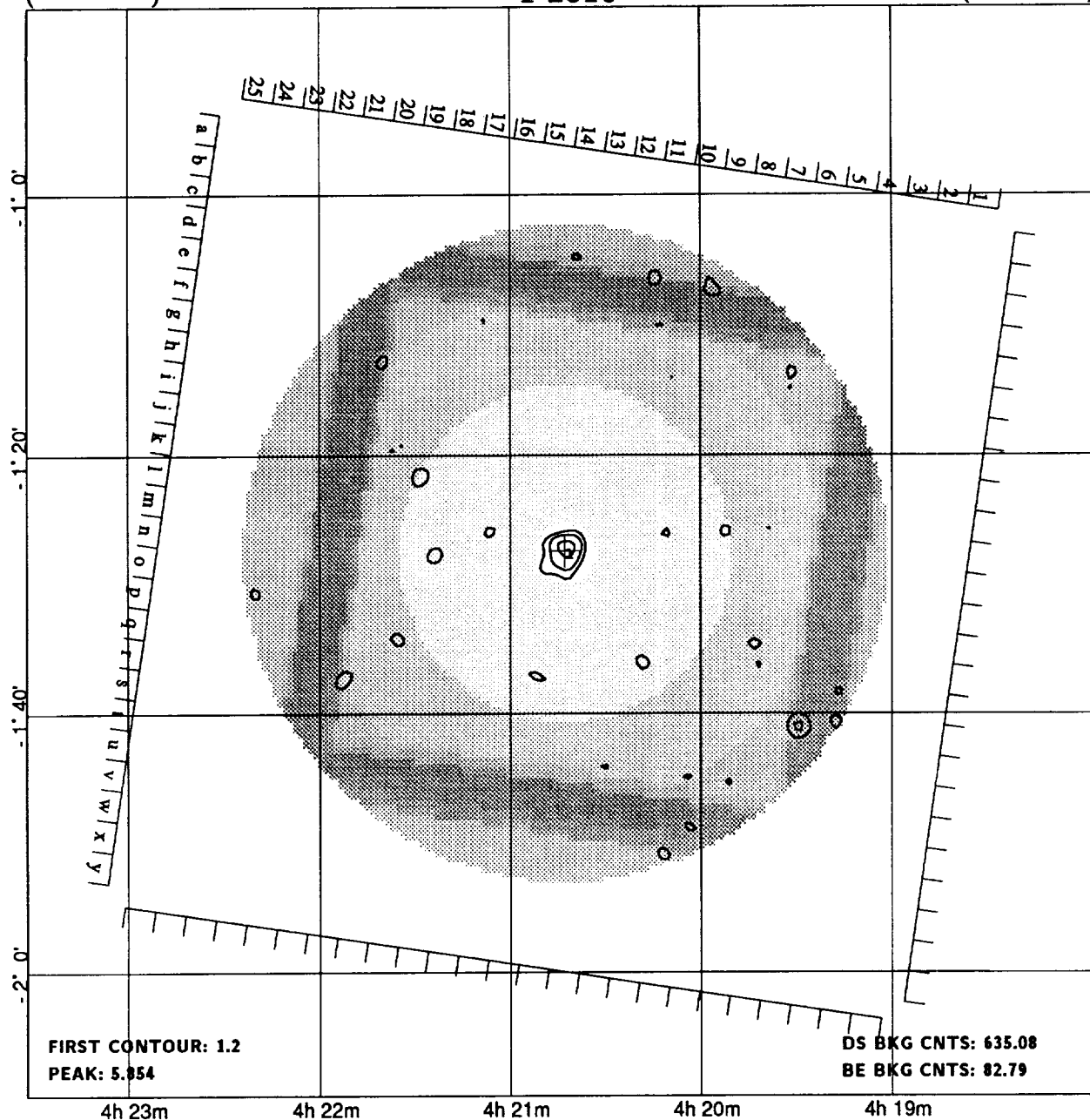
NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
998	1	04 19 42.8	-01 29 35	52	*0.0170	0.0040	22.1	4.9	4.3	0.7	803	15.2	H	
1013	2	04 20 44.2	-01 27 18	31	0.0972	0.0078	163.6	7.4	12.5	1.1	0	0.4	AH	Q

(4h 20m)

I 2016

(4h 20m)



PKS 0420-01: STUDY, QUASARS,

FIELD CENTER: $04^h 20^m 43.5^s$ $-01^\circ 27' 27''$ (B1950)
 $04^h 23^m 15.7^s$ $-01^\circ 20' 32''$ (J2000)
 $l: 195.29$ $b: -33.14$

DATE: 1980/ 66 - 1980/ 66
LIVETIME: 514.6s
ROLL ANGLE: 98.4°

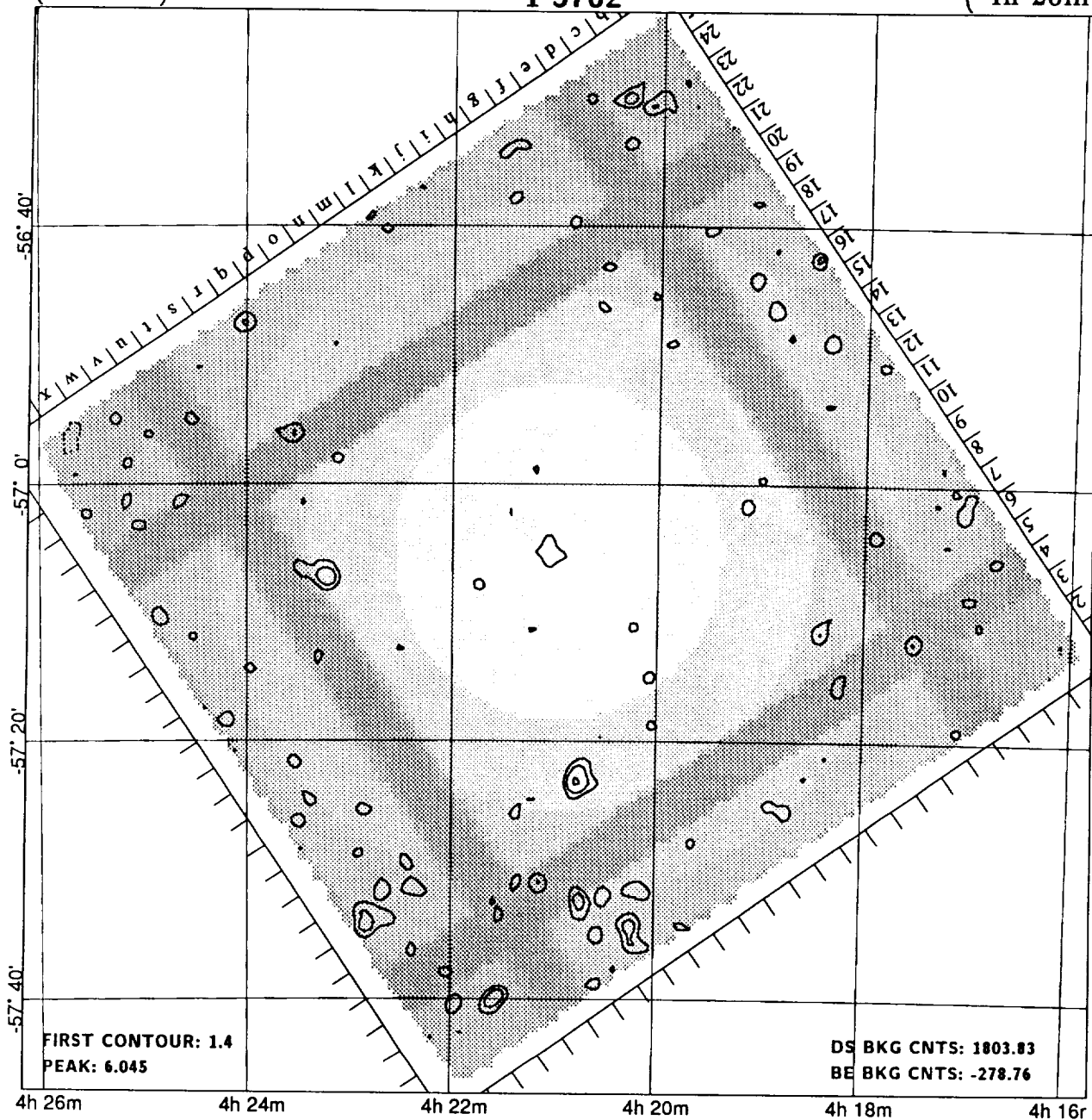
NH: $7.8E+20$
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1013	1	04 20 42.8	-01 27 20	36	0.073	0.014	28.2	1.8	5.1	1.1	0	0.4	AH	Q

(4h 20m)

I 5782

(4h 20m)



FIELD CENTER: $04^{\text{h}}20^{\text{m}}58.0^{\text{s}}$ $-57^{\circ}05'23''$ (B1950)
 $04^{\text{h}}21^{\text{m}}58.1^{\text{s}}$ $-56^{\circ}58'25''$ (J2000)
 $l: 266.89$ $b: -42.59$

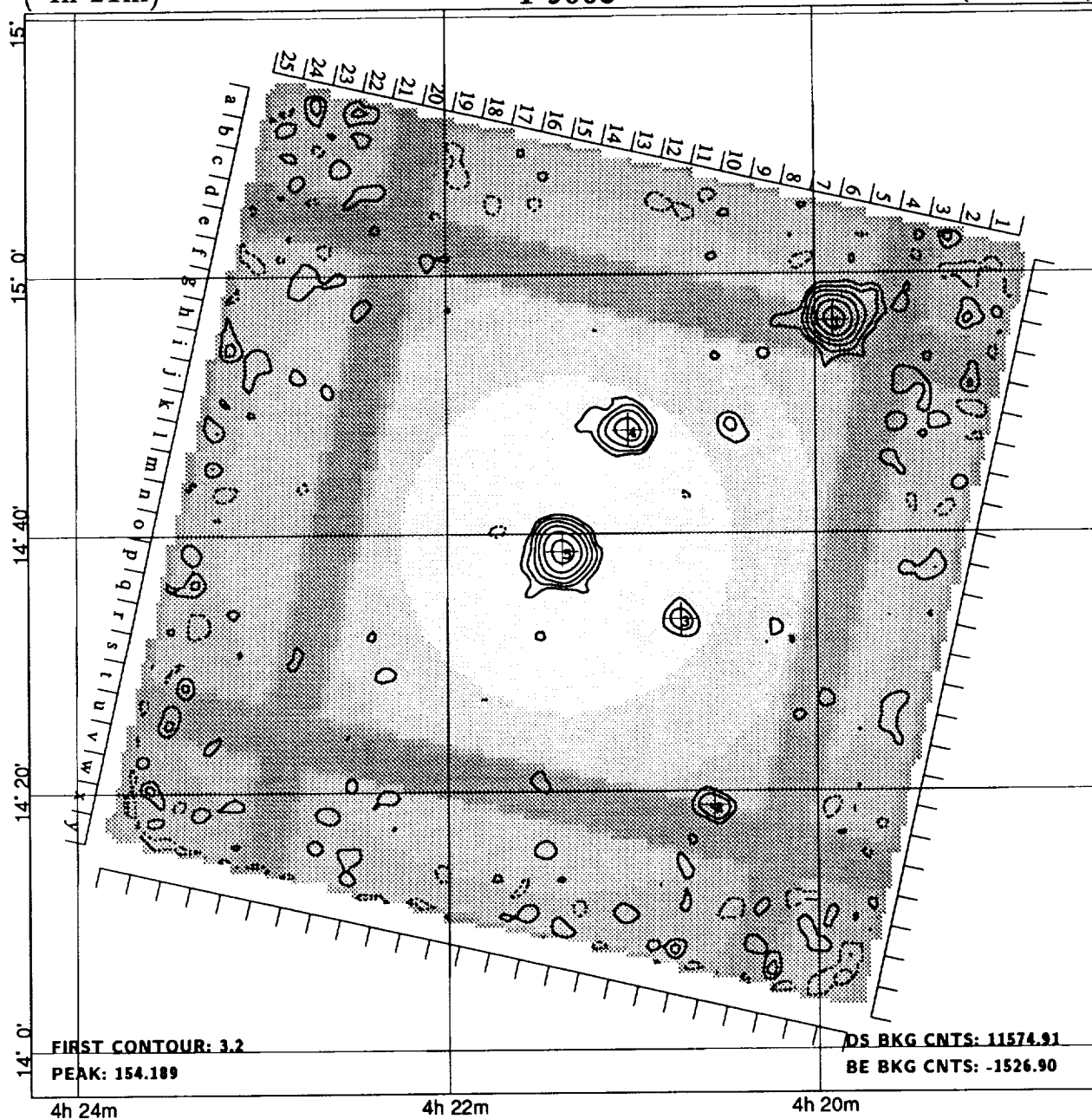
DATE: 1980/ 3 - 1980/ 3
LIVETIME: 1461.7s
ROLL ANGLE: 145.5°

NH: $2.2\text{E}+20$
REF/ID:
FIELD FLAGS: S

(4h 21m)

I 9003

(4h 21m)



SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 4

FIELD CENTER: $04^{\text{h}}21^{\text{m}}22.0^{\text{s}}$ $14^{\circ}38'37''$ (B1950)
 $04^{\text{h}}24^{\text{m}}11.7^{\text{s}}$ $14^{\circ}45'30''$ (J2000)
 $l: 180.55$ $b: -23.55$

DATE: 1981/ 30 - 1981/ 30
LIVETIME: 9379.5s
ROLL ANGLE: 102.7°

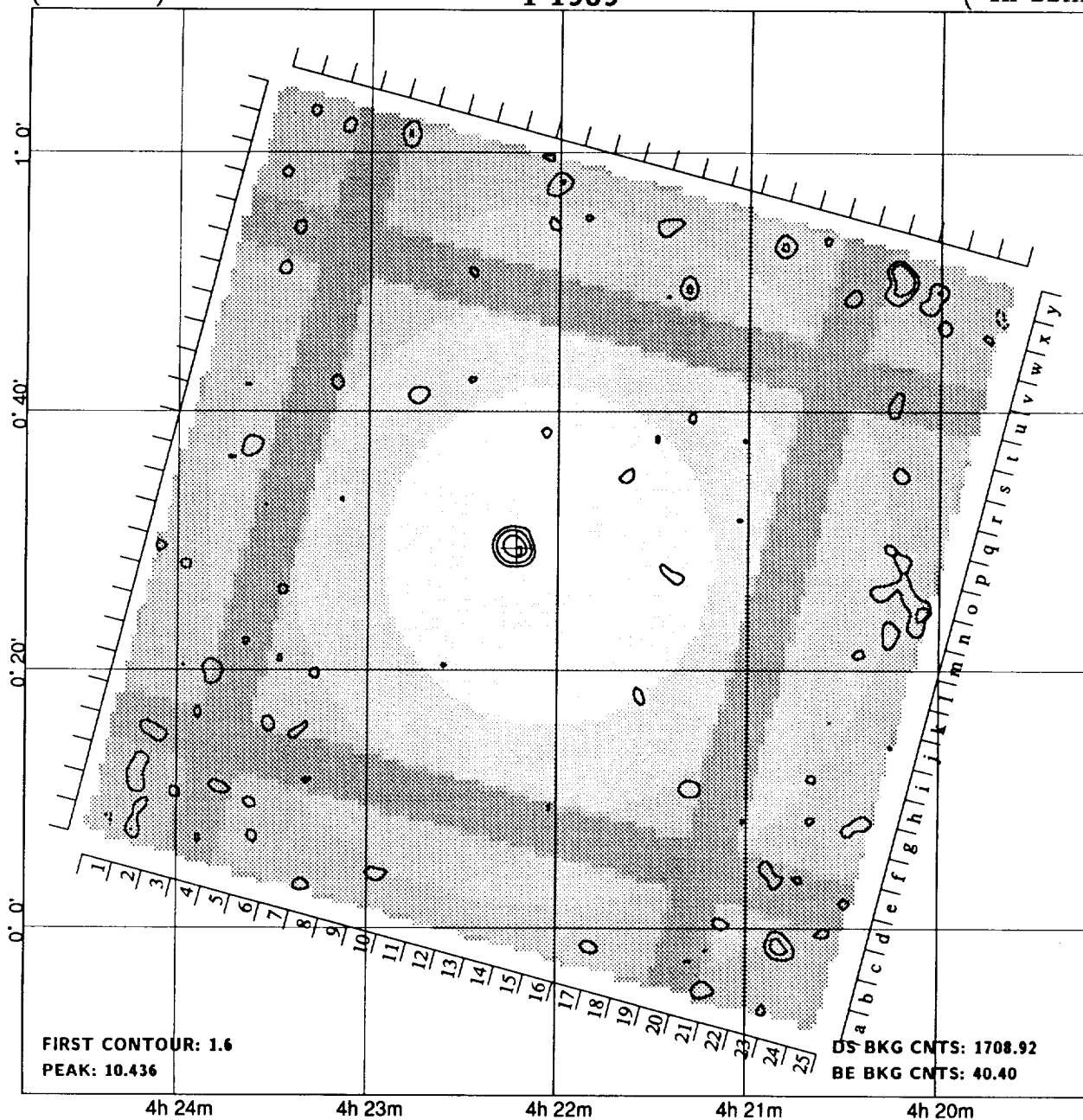
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1000	1	04 19 54.3	14 56 23	47	*0.0941	0.0051	349.9	14.1	18.3	1.3	1109	27.6	AH	S
1009	2	04 20 33.6	14 18 53	51	*0.0077	0.0016	33.0	15.0	4.8	0.8	805	23.0	H	
1012	3	04 20 44.1	14 33 22	42	0.0055	0.0012	34.3	21.7	4.6	0.8	0	10.7	AH	S
1017	4	04 21 01.0	14 48 05	38	0.0266	0.0022	165.6	19.4	12.2	1.3	0	10.8	AH	S
1020	5	04 21 22.5	14 38 37	31	0.0966	0.0038	675.3	23.7	25.5	1.4	0	0.2	AH	S

(4h 22m)

I 1989

(4h 22m)



X-RAY STUDY OF BL LAC OBJECTS: 0422+004

FIELD CENTER: $04^{\text{h}}22^{\text{m}}00.0^{\text{s}}$ $00^{\circ}28'59''$ (B1950)
 $04^{\text{h}}24^{\text{m}}34.3^{\text{s}}$ $00^{\circ}35'50''$ (J2000)
 ℓ : 193.56 b : -31.82

DATE: 1979/226 - 1979/226
 LIVETIME: 1384.8s
 ROLL ANGLE: -75.3°

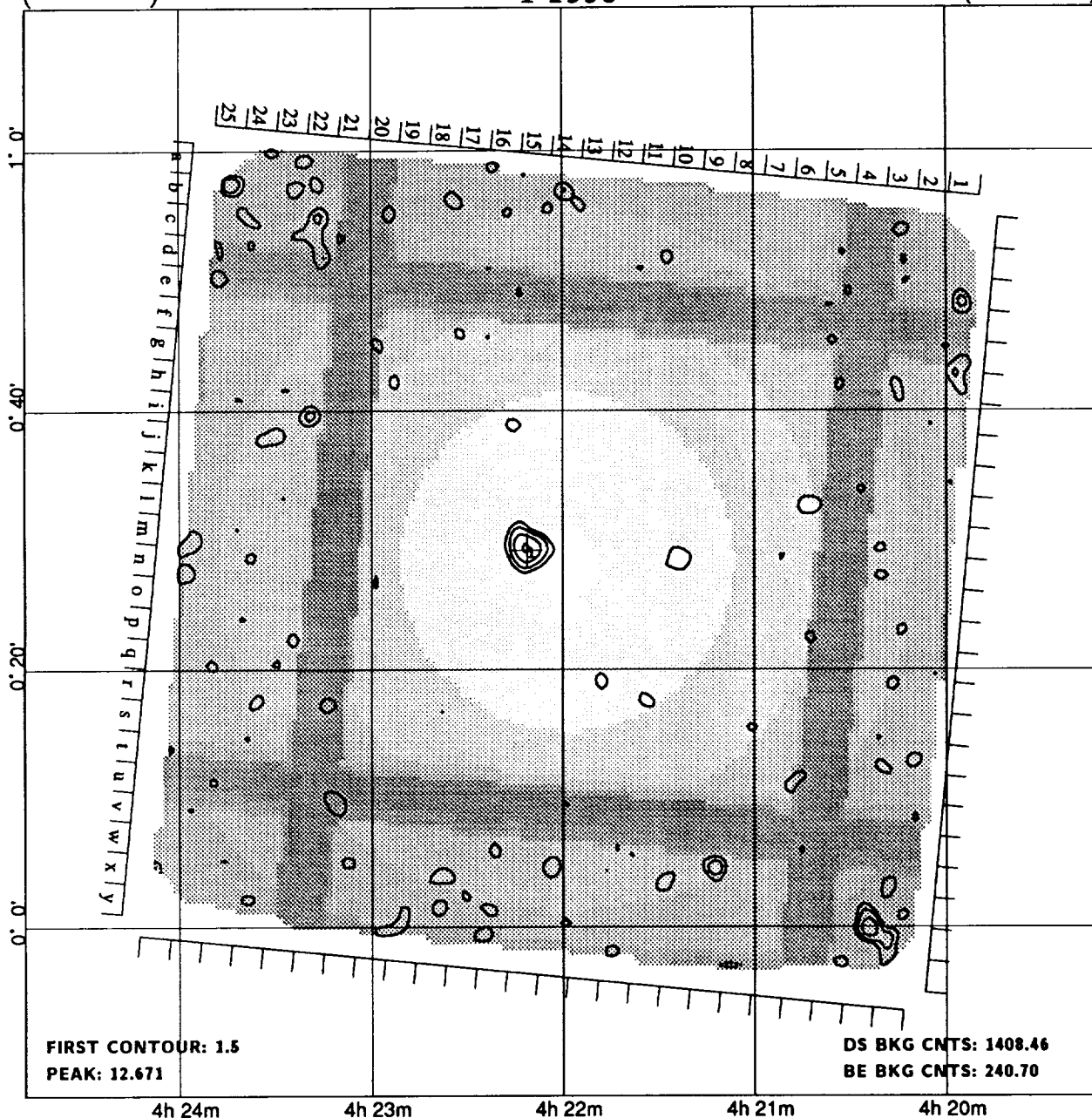
NH: $7.4\text{E}+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1023	1	04 22 13.2	00 29 28	35	0.0409	0.0067	41.5	4.5	6.1	0.9	0	3.4	A	BL

(4h 22m)

I 1990

(4h 22m)



X-RAY STUDY OF BL LAC OBJECTS: 0422+004

FIELD CENTER: $04^h 22^m 00.0^s$ $00^\circ 28' 59''$ (B1950)
 $04^h 24^m 34.3^s$ $00^\circ 35' 50''$ (J2000)
 l : 193.56 b : -31.82

DATE: 1980/ 66 - 1980/ 66
 LIVETIME: 1141.3s
 ROLL ANGLE: 95.5°

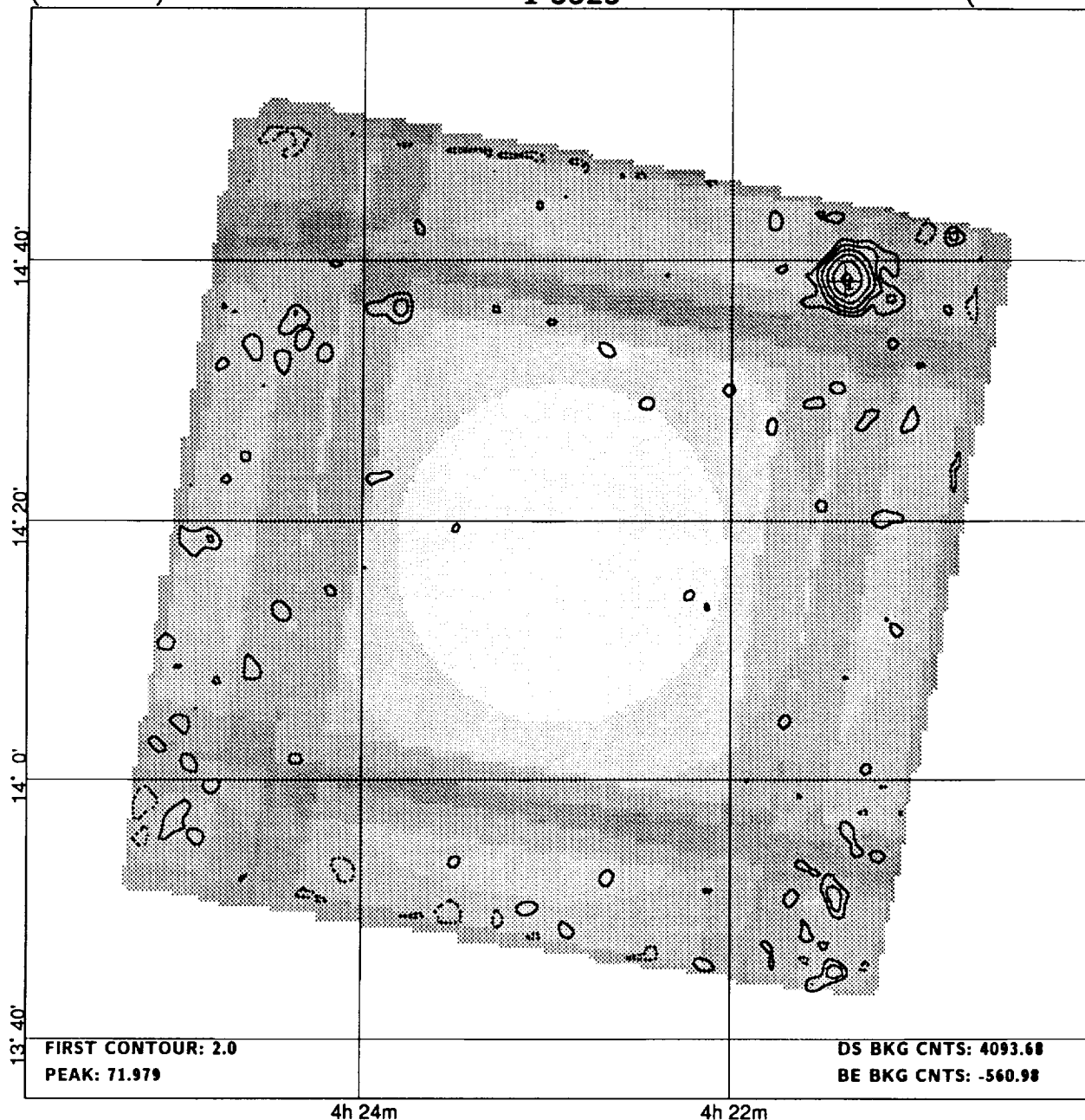
NH: $7.4E+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1023	1	04 22 11.3	00 29 10	35	0.0536	0.0084	44.6	4.4	6.4	0.9	0	2.8	AH	BL

(4h 22m)

I 3523

(4h 22m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 22^m 55.2^s$ $14^\circ 17' 23''$ (B1950)
 $04^h 25^m 44.5^s$ $14^\circ 24' 10''$ (J2000)
 $l: 181.11$ $b: -23.48$

DATE: 1979/252 - 1980/ 50
 LIVETIME: 3317.2s

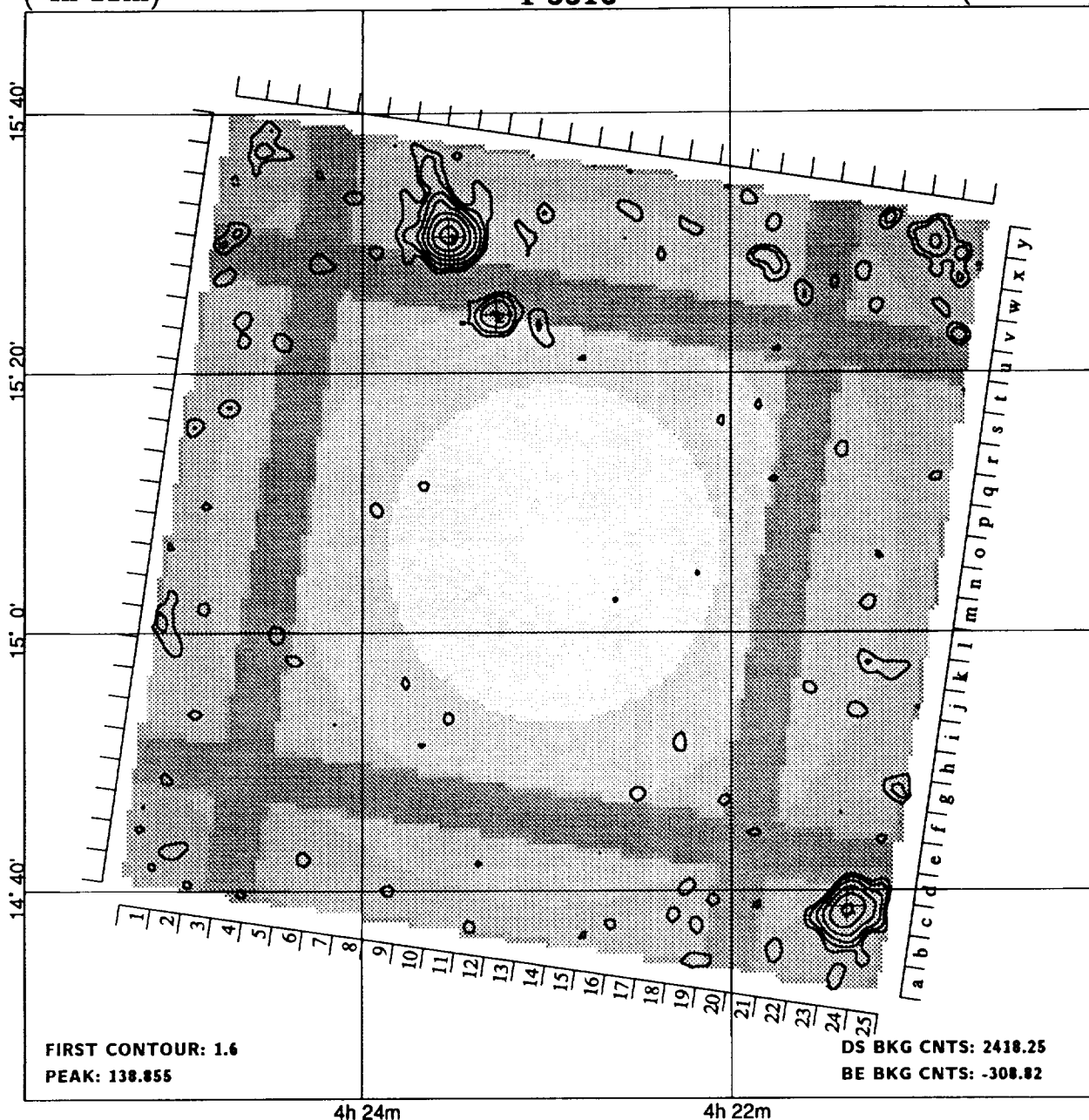
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1020	1	04 21 23.4	14 38 22	48	*0.111	0.010	126.6	4.4	11.1	1.3	1006	30.7	AH	S

(4h 22m)

I 3518

(4h 22m)



CENTRAL HYADES REGION

FIELD CENTER: 04^h22^m55.2^s 15°05'59" (B1950)
04^h25^m45.5^s 15°12'46" (J2000)
 l : 180.43 b : -22.97

DATE: 1979/252 - 1979/252
LIVETIME: 1959.6s
ROLL ANGLE: -81.7°

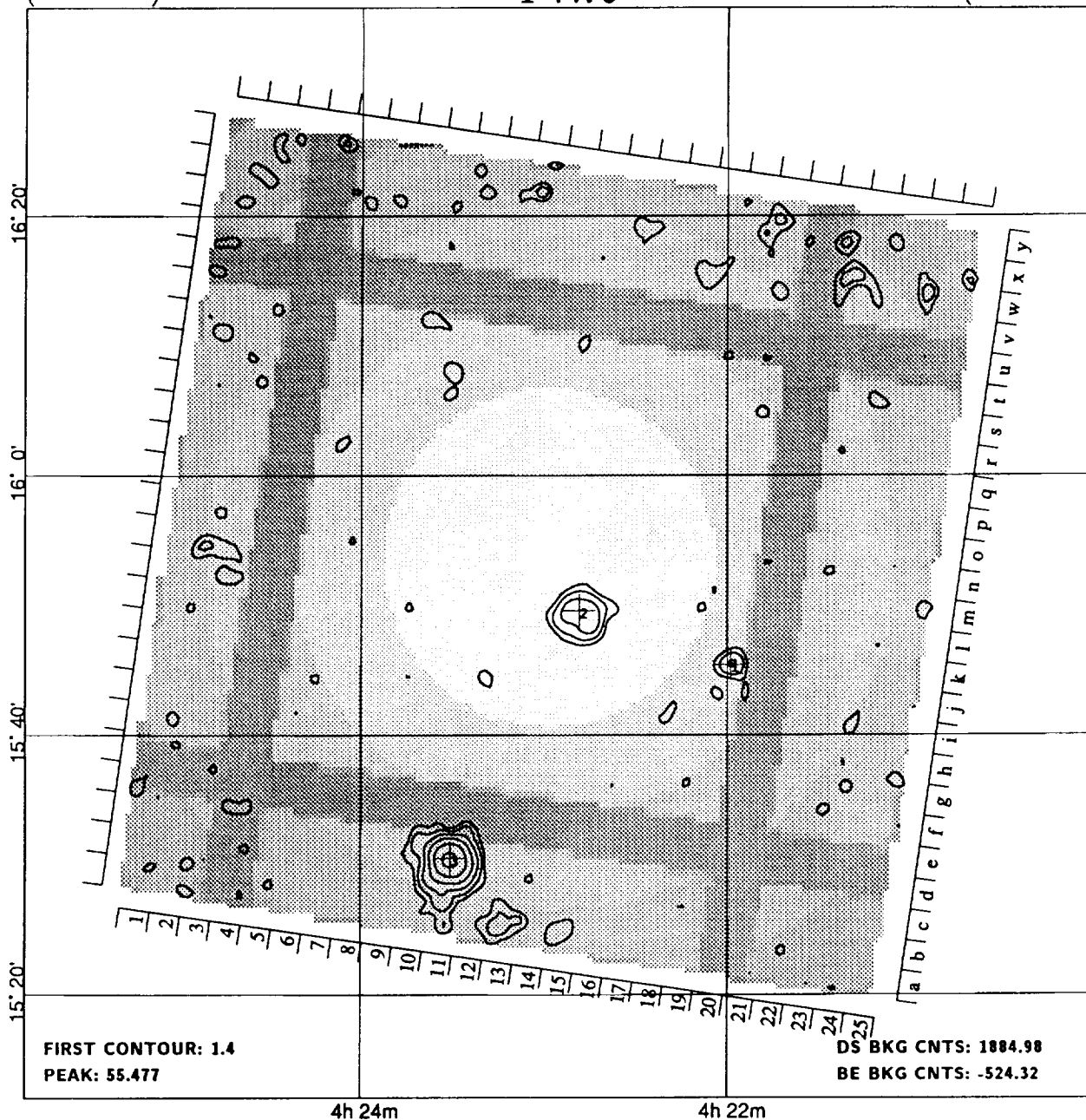
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1020	1	04 21 22.8	14 38 46	48	0.166	0.018	83.3	2.7	9.0	1.5	500	35.1	AH	S
1032	2	04 23 16.4	15 24 31	50	*0.0403	0.0065	41.7	3.3	6.2	1.0	906	19.2	AH	S
1034	3	04 23 32.0	15 30 27	47	0.377	0.022	308.9	3.1	17.5	1.3	400	26.2	AH	S

(4h 22m)

I 4476

(4h 22m)



CENTRAL HYADES REGION

FIELD CENTER: 04^h22^m55.2^s 15°53'59" (B1950)
04^h25^m46.4^s 16°00'46" (J2000)
 l : 179.76 b : -22.46

DATE: 1979/253 - 1979/253
LIVETIME: 1527.4s
ROLL ANGLE: -81.7°

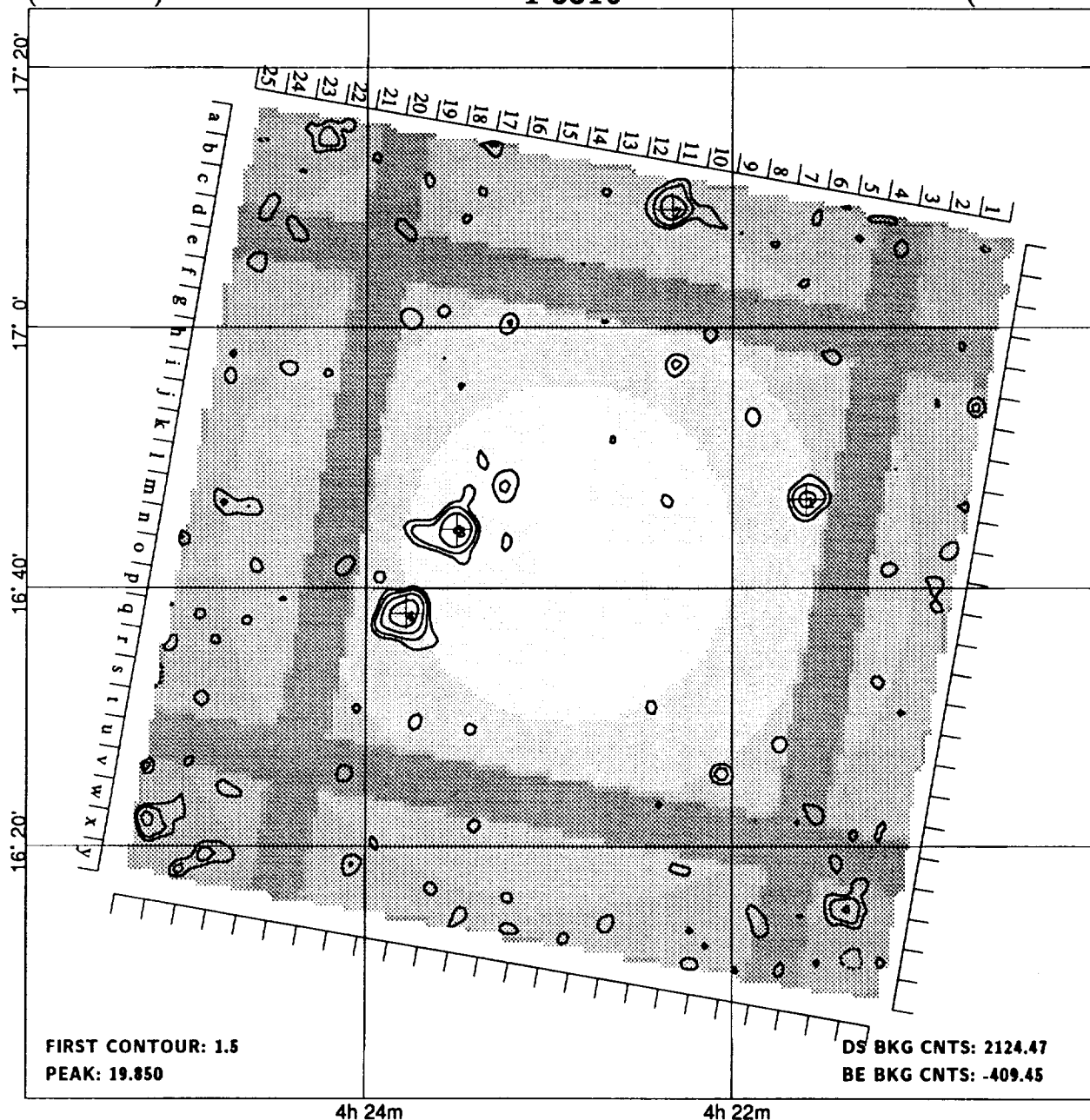
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1022	1	04 21 58.9	15 45 29	55	*0.0170	0.0048	14.8	2.2	3.6	0.7	602	15.7	AH	*
1027	2	04 22 48.4	15 49 38	35	0.0472	0.0068	51.7	3.3	7.0	1.4	0	4.8	AH	S
1034	3	04 23 30.6	15 30 32	48	0.208	0.018	139.9	2.1	11.7	1.4	400	24.9	AH	S

(4h 22m)

I 3516

(4h 22m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 22^m 55.2^s$ $16^\circ 42' 35''$ (B1950)
 $04^h 25^m 47.3^s$ $16^\circ 49' 22''$ (J2000)
 $l: 179.08$ $b: -21.94$

DATE: 1980/ 51 - 1980/ 51
 LIVETIME: 1721.5s
 ROLL ANGLE: 99.0°

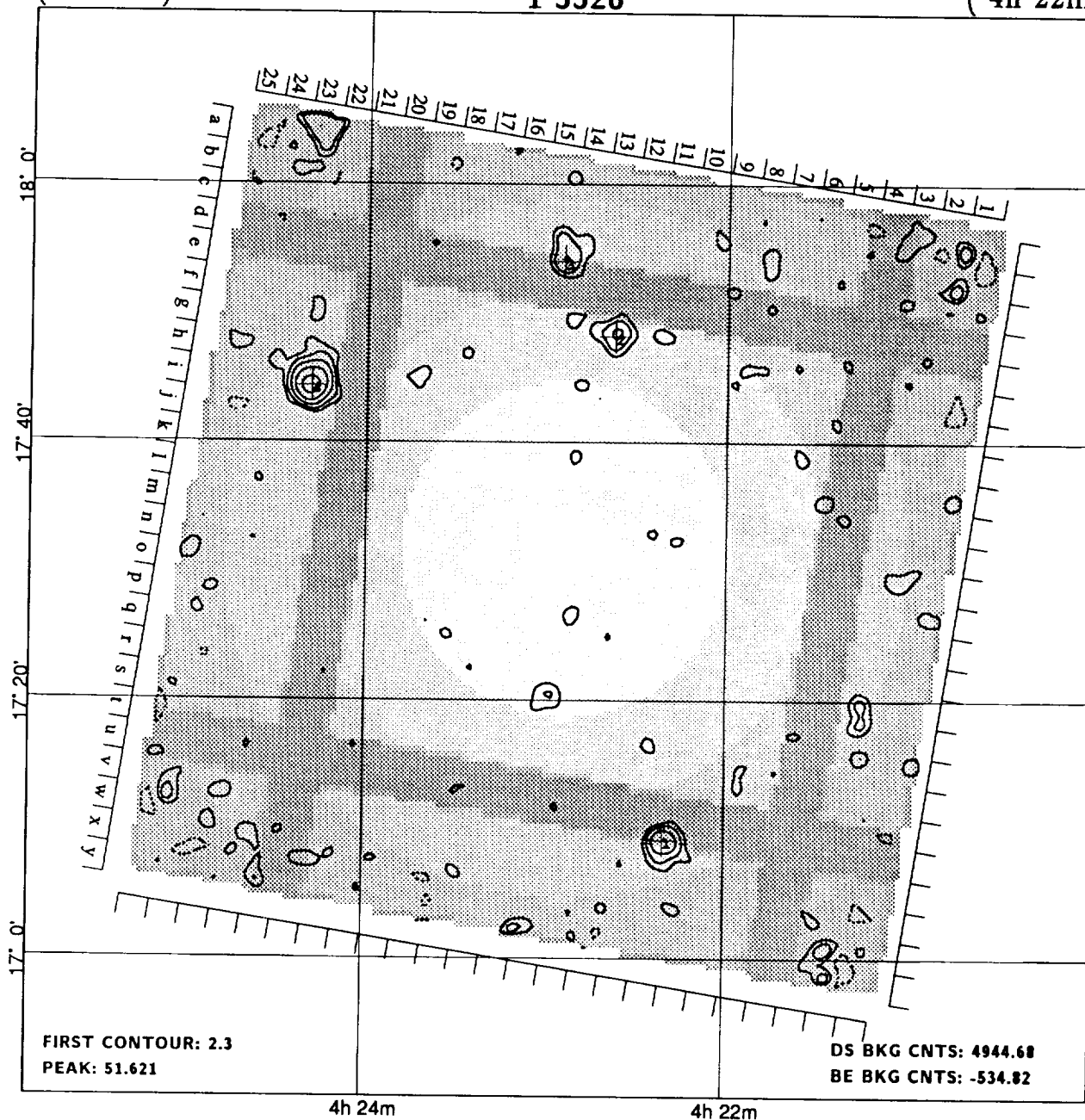
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1021	1	04 21 35.9	16 46 53	52	0.0218	0.0053	19.7	3.3	4.1	0.9	0	19.2	AH	S
1024	2	04 22 19.7	17 09 06	51	0.0301	0.0072	20.0	3.0	4.2	1.1	0	28.1	AH	S
1035	3	04 23 30.4	16 44 33	41	0.0443	0.0064	51.6	3.4	7.0	1.4	0	8.9	AH	S
1037	4	04 23 46.9	16 38 03	38	0.0737	0.0085	77.8	3.2	8.6	1.2	0	13.4	AH	S

(4h 22m)

I 3528

(4h 22m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 22^m 55.2^s$ $17^\circ 31' 11''$ (B1950)
 $04^h 25^m 48.3^s$ $17^\circ 37' 57''$ (J2000)
 $l: 178.41$ $b: -21.43$

DATE: 1980/ 62 - 1980/ 62
 LIVETIME: 4006.8s
 ROLL ANGLE: 99.0°

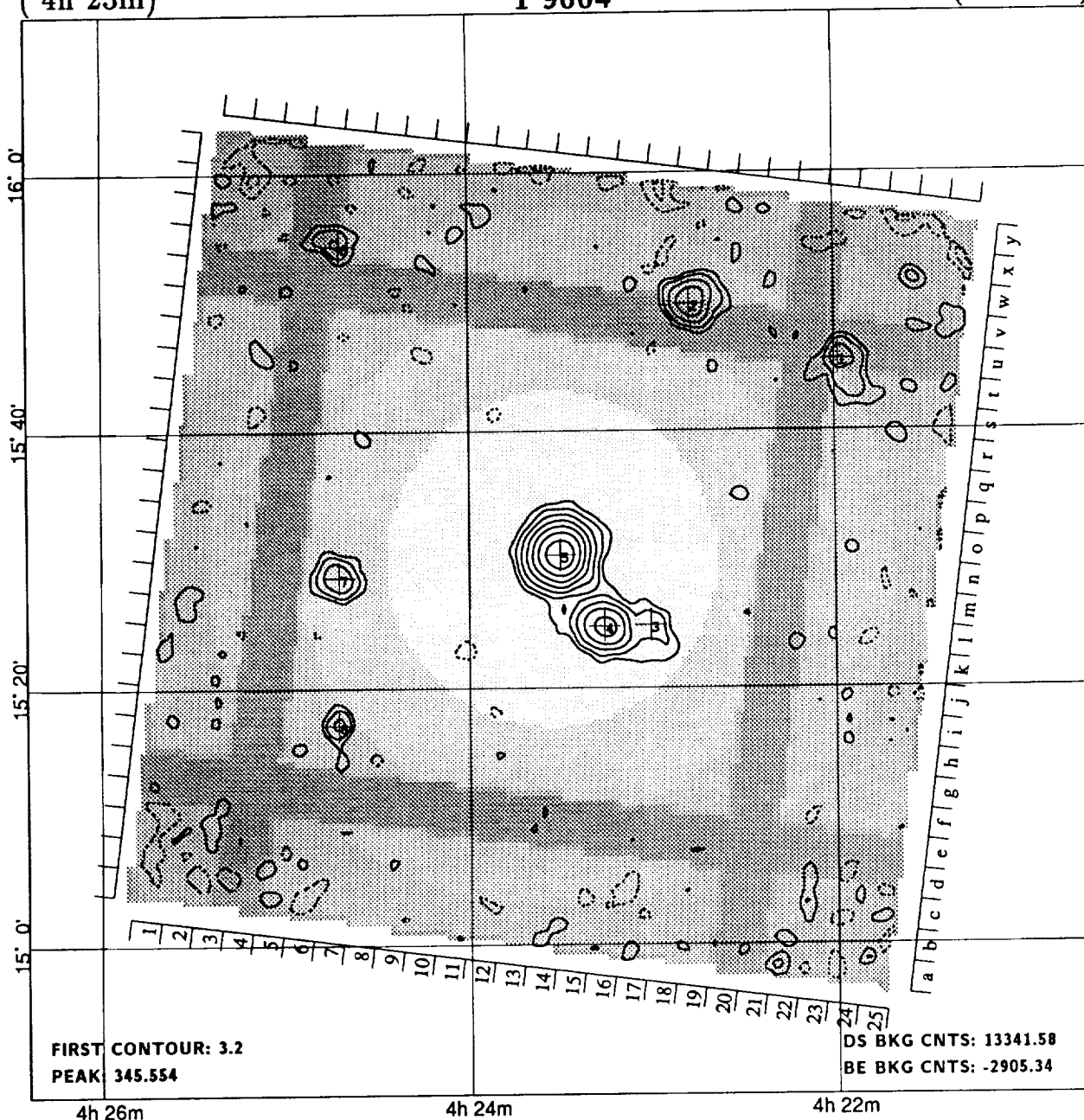
NH: $1.7E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1024	1	04 22 20.2	17 09 10	50	*0.0210	0.0036	37.7	4.3	5.8	1.0	906	23.5	AH	S
1026	2	04 22 37.3	17 48 12	51	*0.0113	0.0025	25.3	6.7	4.5	0.9	601	17.8	H	S
1029	3	04 22 54.5	17 54 06	52	*0.0119	0.0028	22.5	5.5	4.2	1.1	906	23.1	H	S
1043	4	04 24 18.4	17 44 21	48	0.0684	0.0063	122.4	6.6	10.8	1.2	200	23.9	H	

(4h 23m)

I 9004

(4h 23m)



FIELD CENTER: $04^h 23^m 30.0^s$ $15^\circ 30' 22''$ (B1950)
 $04^h 26^m 20.8^s$ $15^\circ 37' 06''$ (J2000)
 ℓ : 180.18 b : -22.60

DATE: 1980/263 - 1980/263
 LIVETIME: 10811.0s
 ROLL ANGLE: -82.9°

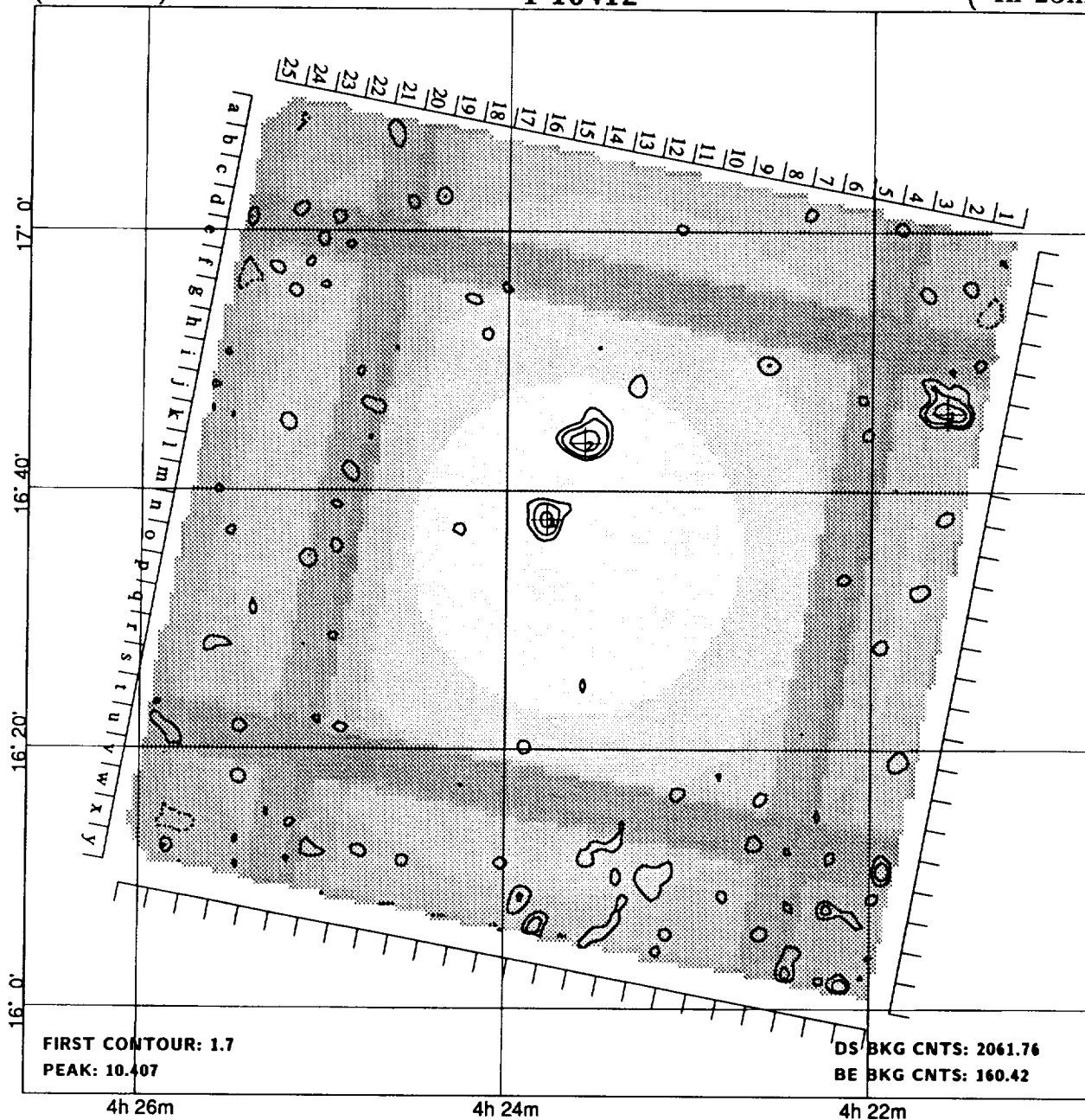
NH: 1.6E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1022	1	04 21 58.7	15 45 32	51	*0.0094 0.0017	39.6	11.4	5.6	1.8	1409	26.6	AH	*
1027	2	04 22 47.2	15 49 46	48	*0.0256 0.0023	129.5	11.5	10.9	1.3	906	21.9	AH	S
1030	3	04 23 00.5	15 24 57	41	0.0071 0.0012	51.9	22.1	6.0	51.5	0	8.9	H	
1032	4	04 23 15.7	15 24 51	38	0.0397 0.0024	300.6	25.4	16.6	9.0	0	6.5	AH	S
1034	5	04 23 30.1	15 30 24	31	0.2101 0.0051	1690.8	23.2	40.8	1.8	0	0.2	AH	S
1045	6	04 24 42.1	15 54 26	55	*0.0063 0.0016	24.2	13.8	3.9	1.0	1106	29.8	H	
1046	7	04 24 42.6	15 28 42	48	0.0138 0.0017	83.7	18.3	8.3	1.2	0	17.5	H	S
1047	8	04 24 42.8	15 17 11	51	0.0059 0.0013	31.4	17.6	4.5	0.9	0	22.1		

(4h 23m)

I 10412

(4h 23m)



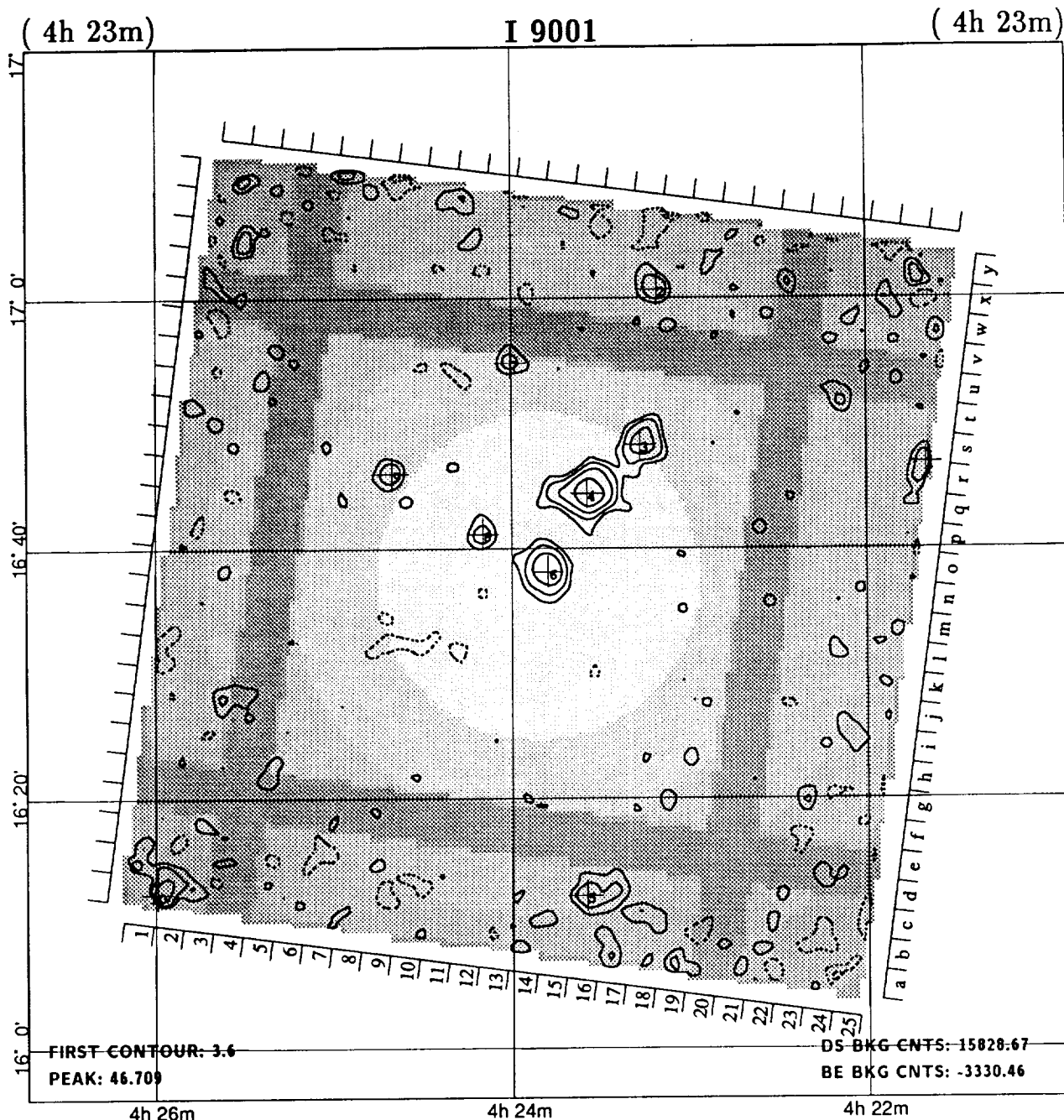
SEARCH FOR CORONAL ACTIVITY IN HYADES X-RAY SOURCES

FIELD CENTER: $04^h 23^m 42.0^s$ $16^\circ 35' 06''$ (B1950)
 $04^h 26^m 34.0^s$ $16^\circ 41' 49''$ (J2000)
 $l: 179.31$ $b: -21.88$

DATE: 1981/ 41 - 1981/ 41
 LIVETIME: 1670.7s
 ROLL ANGLE: 100.7°

NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1021	1	04 21 35.4	16 46 04	53	0.0288	0.0080	16.2	3.8	3.6	1.1	500	32.0	AH	S
1035	2	04 23 34.4	16 43 42	41	0.0364	0.0060	41.8	6.2	6.0	1.3	0	8.7	AH	S
1037	3	04 23 46.7	16 37 46	35	0.0246	0.0049	30.1	5.9	5.0	0.9	0	2.8	AH	S



SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 2

FIELD CENTER: 04^h23^m48.0^s 16°38'07" (B1950)
04^h26^m40.1^s 16°44'50" (J2000)
 ℓ : 179.29 b : -21.83

DATE: 1980/262 - 1980/263
LIVETIME: 12826.4s
ROLL ANGLE: -82.5°

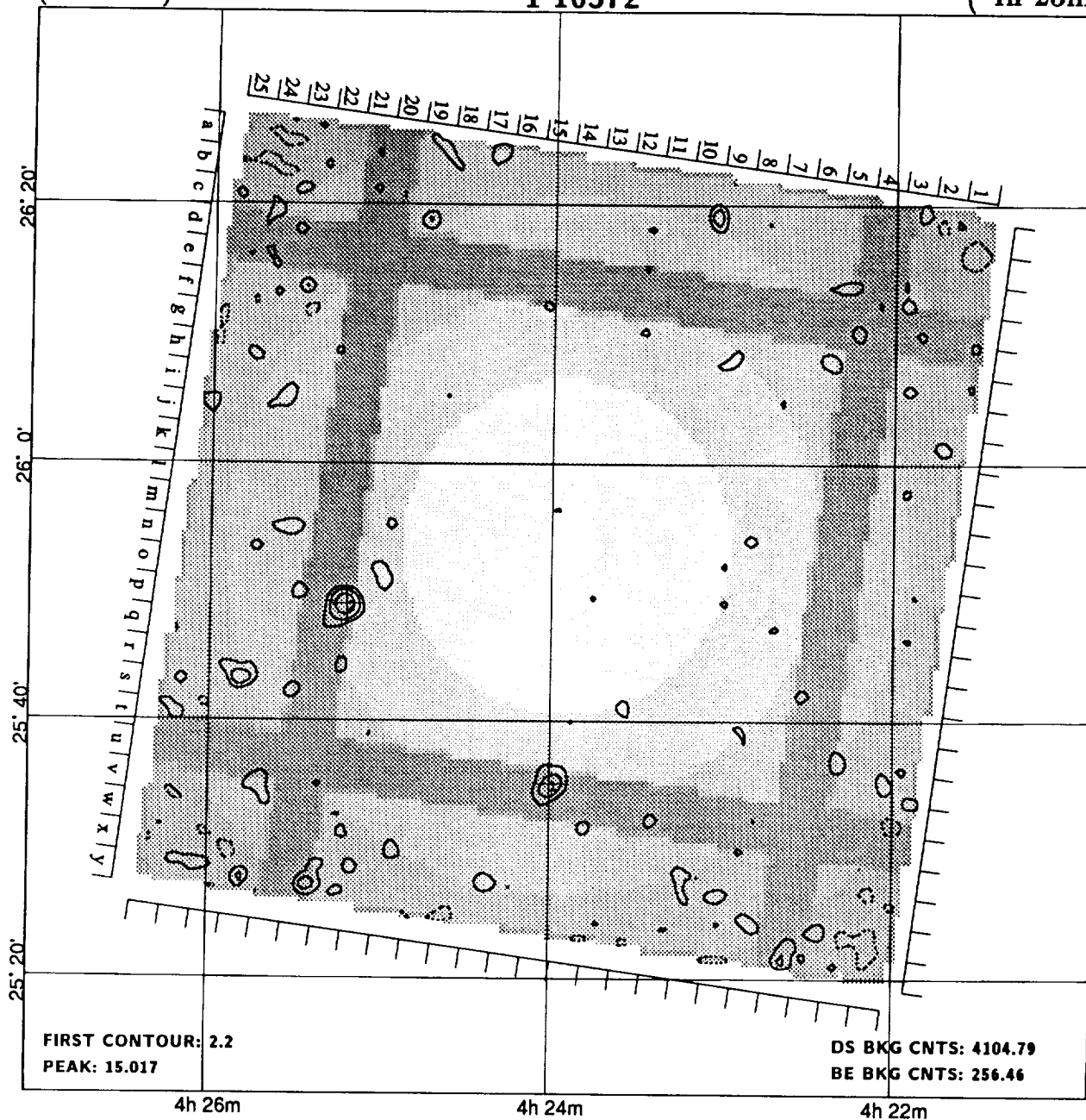
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1021	1	04 21 40.0	16 46 51	53	*0.0086	0.0021	26.0	15.0	4.1	1.3	803	31.8	AEH	S
1031	2	04 23 10.7	17 00 40	54	0.0049	0.0013	27.3	20.7	3.9	0.9	0	24.2		
1033	3	04 23 16.4	16 48 16	41	0.0107	0.0013	84.8	25.2	8.1	4.2	0	13.1	H	
1035	4	04 23 34.4	16 44 28	38	0.0209	0.0016	184.6	24.4	12.8	2.1	0	7.0	AH	S
1036	5	04 23 34.9	16 12 13	55	0.0047	0.0013	24.9	21.1	3.7	1.4	0	25.9		
1037	6	04 23 47.7	16 38 09	31	0.0138	0.0013	131.5	28.5	10.4	1.4	0	0.7	AH	S
1040	7	04 24 00.4	16 54 50	52	*0.00339	0.00096	24.1	22.9	3.5	0.7	804	17.2	H	
1041	8	04 24 09.7	16 41 12	41	0.00411	0.00090	37.4	29.6	4.6	0.7	0	6.0		
1044	9	04 24 40.4	16 46 01	42	0.0041	0.0010	31.4	28.6	4.1	0.7	0	14.9	H	
1055	10	04 25 59.3	16 12 22	51	*0.0159	0.0031	36.0	13.0	5.1	3.2	703	41.0	AEH	*

(4h 23m)

I 10572

(4h 23m)



FIELD CENTER: $04^{\text{h}}23^{\text{m}}57.0^{\text{s}}$ $25^{\circ}52'59''$ (B1950)
 $04^{\text{h}}27^{\text{m}}00.5^{\text{s}}$ $25^{\circ}59'41''$ (J2000)
 $l: 171.92$ $b: -15.76$

DATE: 1981/ 38 - 1981/ 38
 LIVETIME: 3326.2s
 ROLL ANGLE: 97.7°

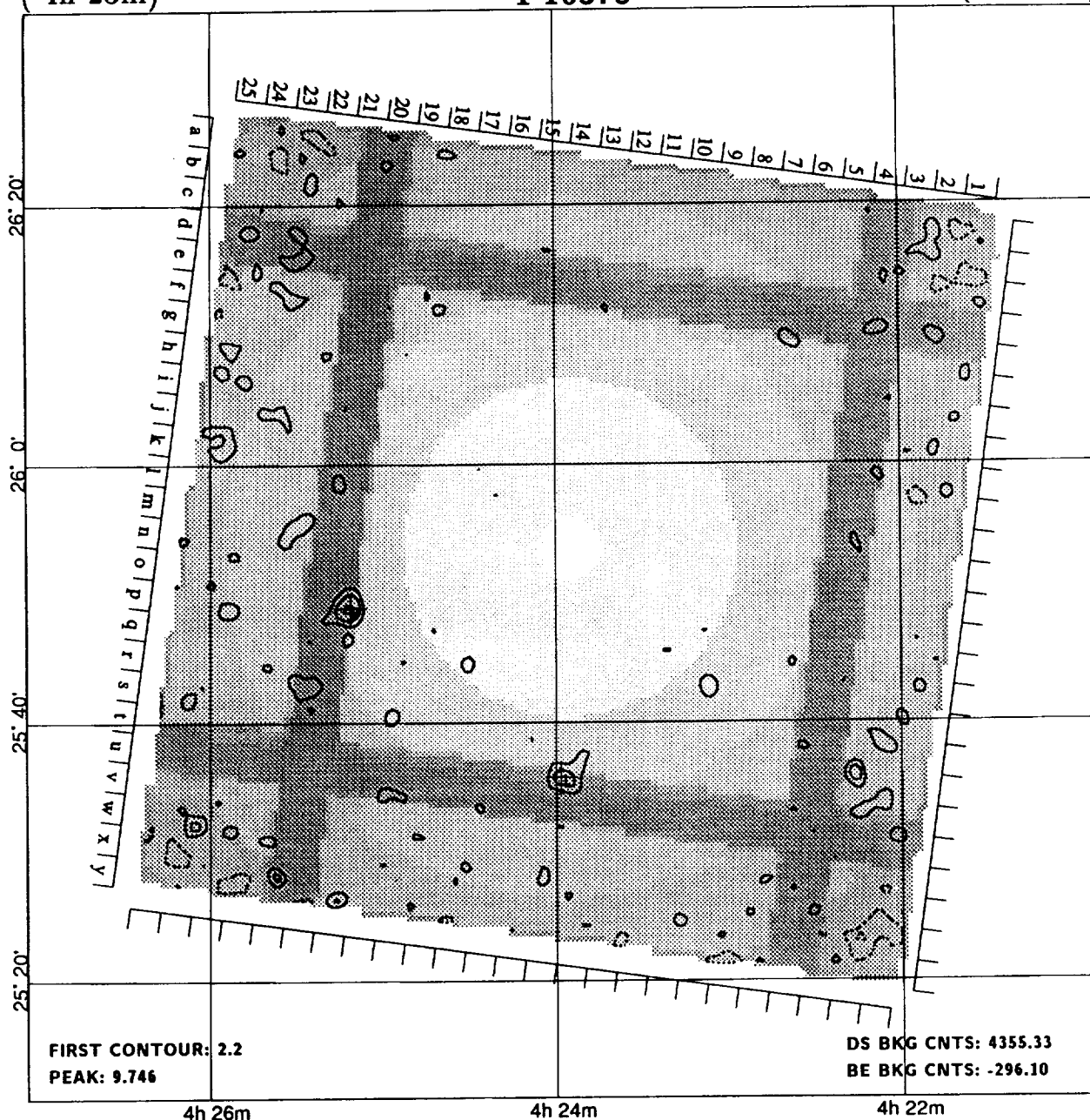
NH: $1.2\text{E}+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1039	1	04 24 00.2	25 35 08	55	*0.0129	0.0030	23.1	5.9	4.3	0.9	1109	17.7	A	
1049	2	04 25 12.1	25 49 02	50	*0.0206	0.0036	37.2	5.8	5.7	0.8	1006	17.4	AH	

(4h 23m)

I 10573

(4h 23m)



FIELD CENTER: $04^h 23^m 57.0^s$ $25^\circ 52' 59''$ (B1950)
 $04^h 27^m 00.5^s$ $25^\circ 59' 41''$ (J2000)
 $l: 171.92$ $b: -15.76$

DATE: 1981/ 39 - 1981/ 39
 LIVETIME: 3529.2s
 ROLL ANGLE: 97.8°

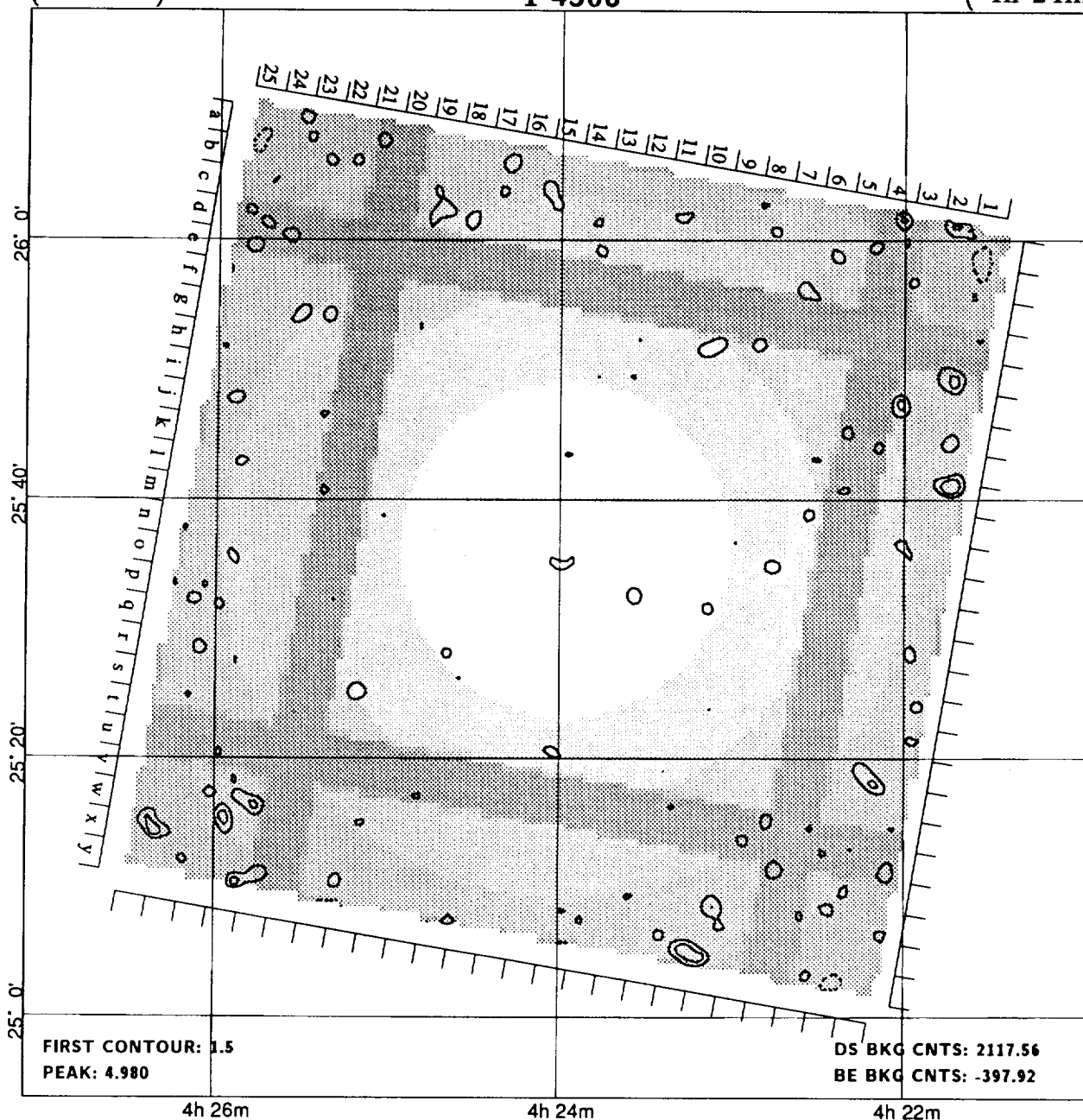
NH: $1.2E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1039	1	04 23 58.4	25 35 42	55	*0.0087	0.0025	16.9	6.1	3.5	0.9	906	16.9	AH
1049	2	04 25 11.5	25 48 56	51	*0.0130	0.0029	25.1	5.9	4.5	0.8	1006	17.4	AH

(4h 24m)

I 4508

(4h 24m)



T TAURI STARS: DF TAU

FIELD CENTER: $04^h24^m00.0^s$ $25^\circ35'42''$ (B1950)
 $04^h27^m03.1^s$ $25^\circ42'24''$ (J2000)
 ℓ : 172.15 b : -15.94

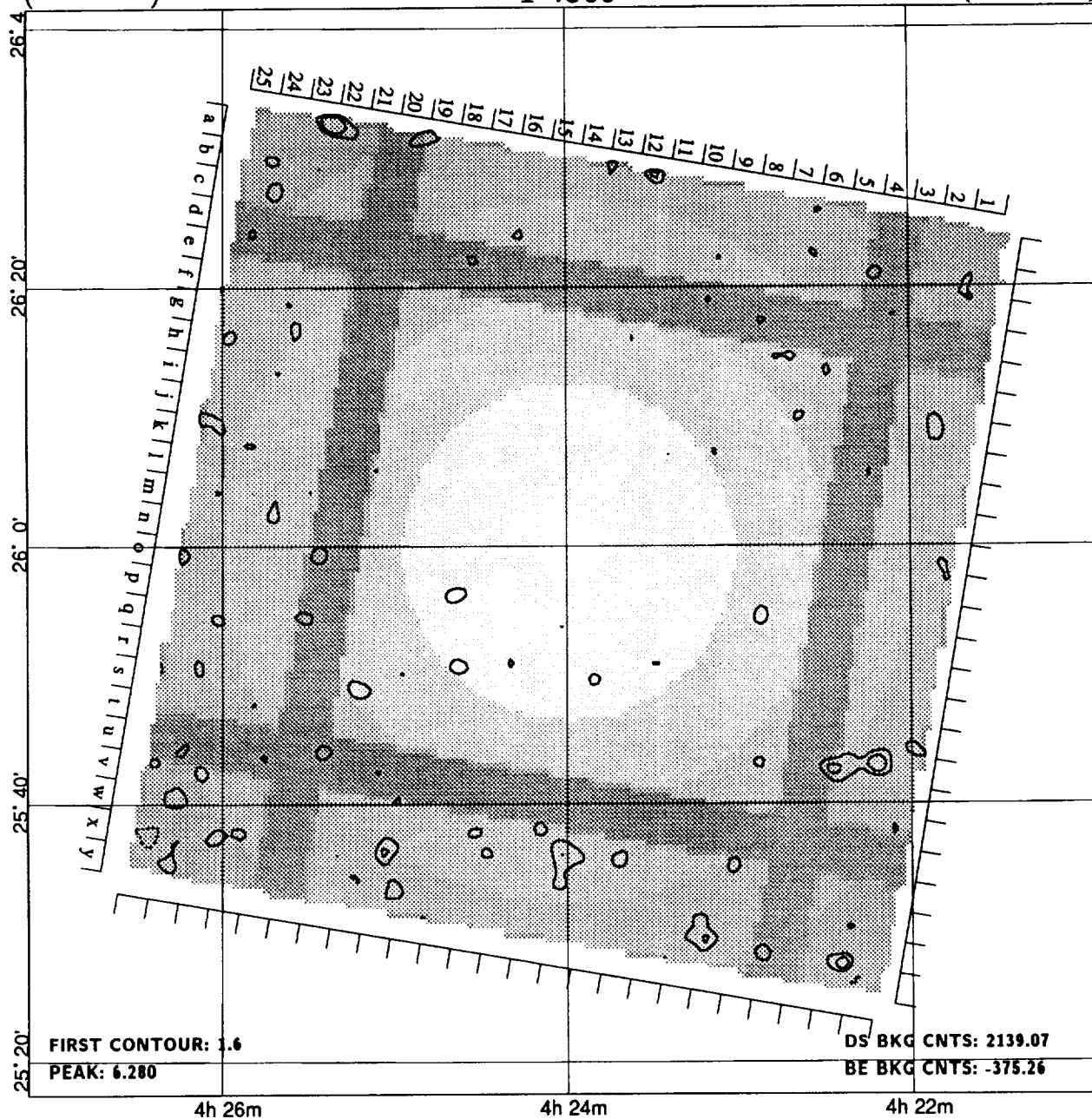
DATE: 1980/ 64 - 1980/ 64
LIVETIME: 1715.9s
ROLL ANGLE: 99.6°

NH: $1.2E+21$
REF/ID: S
FIELD FLAGS:

(4h 24m)

I 4509

(4h 24m)



FIELD CENTER: $04^h 24^m 01.0^s$ $25^\circ 59' 35''$ (B1950)
 $04^h 27^m 04.6^s$ $26^\circ 06' 17''$ (J2000)
 $l: 171.84$ $b: -15.67$

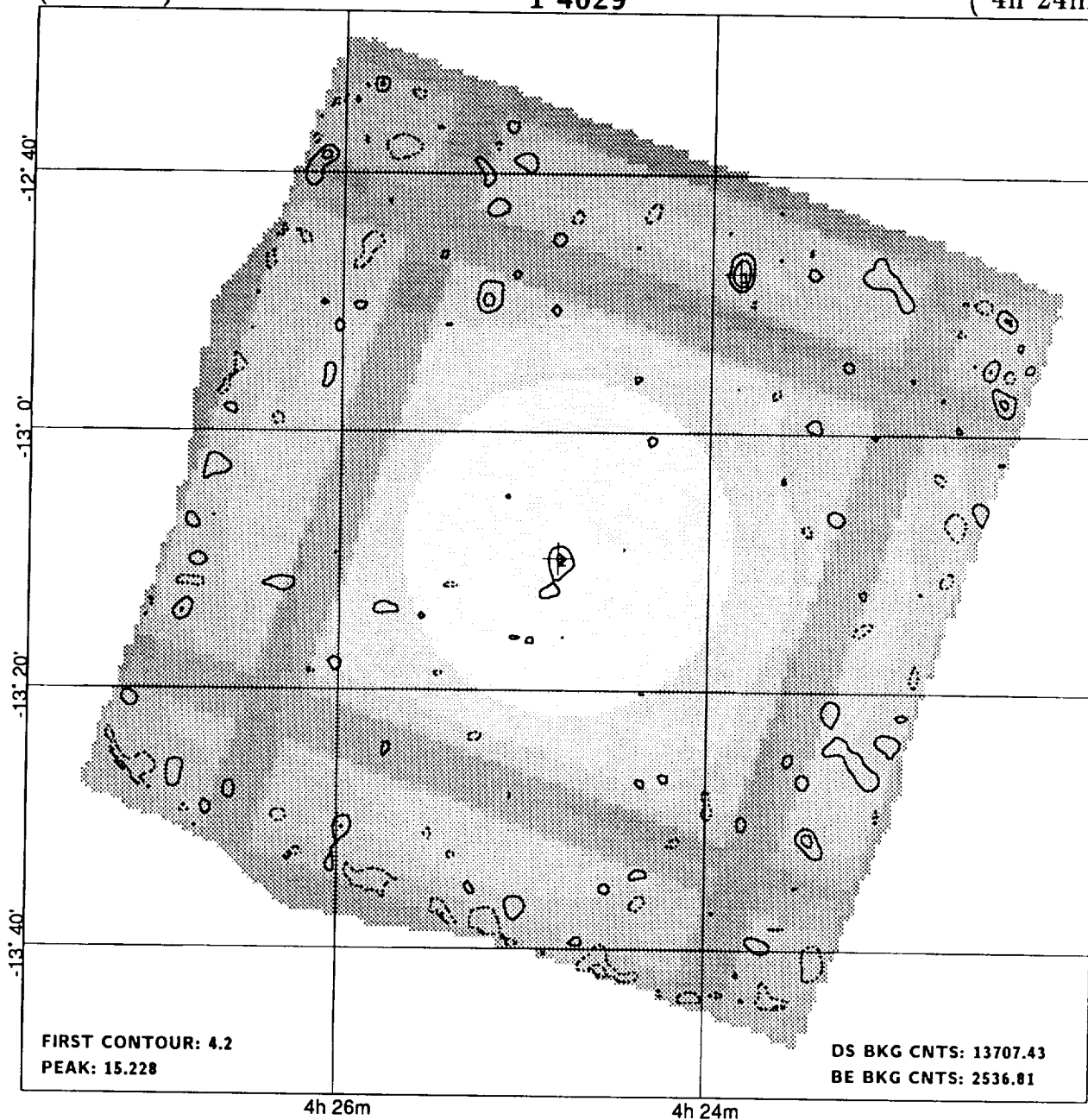
DATE: 1980/ 64 - 1980/ 64
 LIVETIME: 1733.3s
 ROLL ANGLE: 99.7°

NH: $1.2E+21$
 REF/ID: S
 FIELD FLAGS:

(4h 24m)

I 4029

(4h 24m)



QUASAR P 0424-131

FIELD CENTER: $04^h 24^m 48.0^s$ $-13^\circ 09' 35''$ (B1950)
 $04^h 27^m 07.5^s$ $-13^\circ 02' 55''$ (J2000)
 $l: 208.53$ $b: -37.84$

DATE: 1979/242 - 1980/ 38
 LIVETIME: 11107.5s

NH: $4.3E+20$

REF/ID:

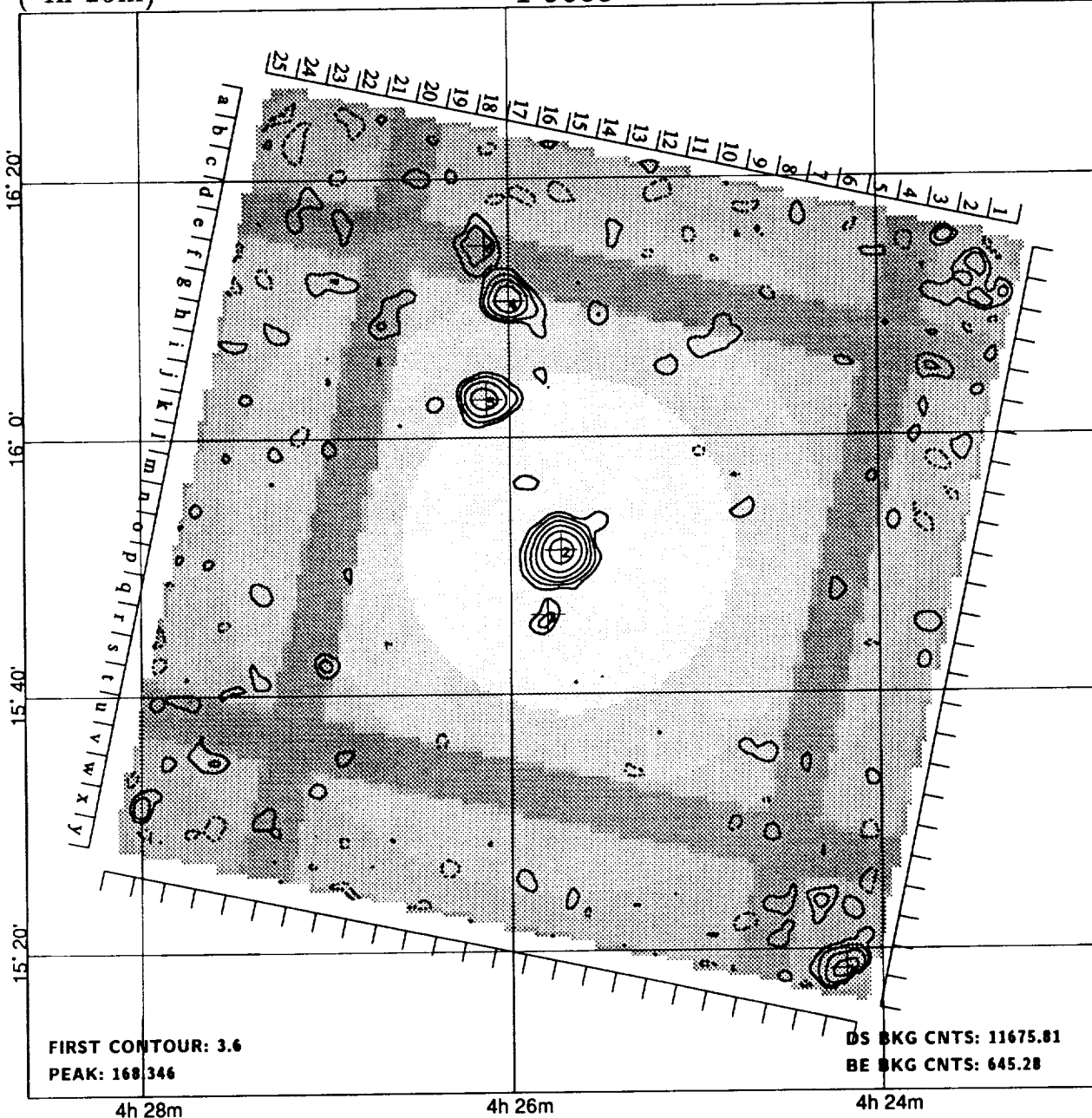
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1038	1	04 23 51.0	-12 47 38	55	0.0062	0.0016	29.4	25.6	4.0	0.8	0	26.4	H	
1048	2	04 24 49.0	-13 09 40	36	0.0038	0.0010	31.5	41.5	3.7	0.6	0	0.4		Q

(4h 25m)

I 9005

(4h 25m)



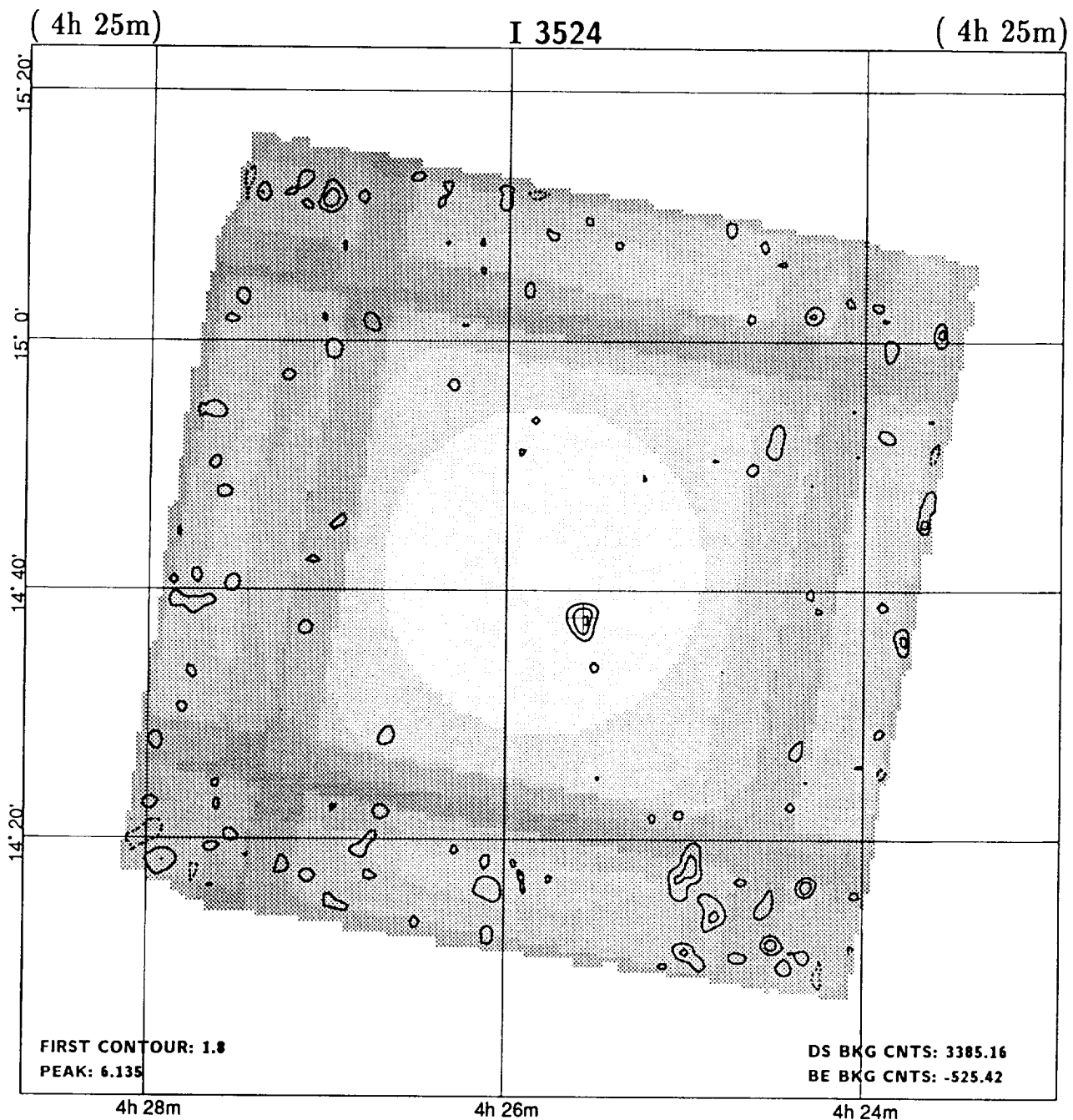
SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 6

FIELD CENTER: 04^h25^m43.0^s 15°51'09" (B1950)
04^h28^m34.2^s 15°57'44" (J2000)
ℓ: 180.26 b: -21.97

DATE: 1981/ 30 - 1981/ 31
LIVETIME: 9461.2s
ROLL ANGLE: 101.9°

NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1042	1	04 24 11.6	15 18 28	50	0.0283	52.8	18.2	6.3	1.3	100	39.2	EH	
1052	2	04 25 43.5	15 51 17	31	0.1108	780.7	30.3	27.4	1.3	0	0.2	AH	S
1053	3	04 25 48.0	15 46 15	42	0.0044	29.1	29.9	3.8	0.7	0	5.1	H	
1055	4	04 26 00.0	16 10 31	48	*0.0324	159.6	20.4	11.9	1.1	703	19.7	AH	*
1058	5	04 26 07.6	16 02 55	38	0.0281	166.0	26.0	12.0	1.1	0	13.3	AH	*
1057	6	04 26 07.9	16 14 48	56	*0.0069	29.1	14.9	4.4	1.3	1109	24.6	A	*



FIELD CENTER: $04^h 25^m 48.0^s$ $14^\circ 41' 23''$ (B1950)
 $04^h 28^m 37.9^s$ $14^\circ 47' 58''$ (J2000)
 $l: 181.25$ $b: -22.68$

DATE: 1979/252 - 1980/ 51
 LIVETIME: 2743.1s

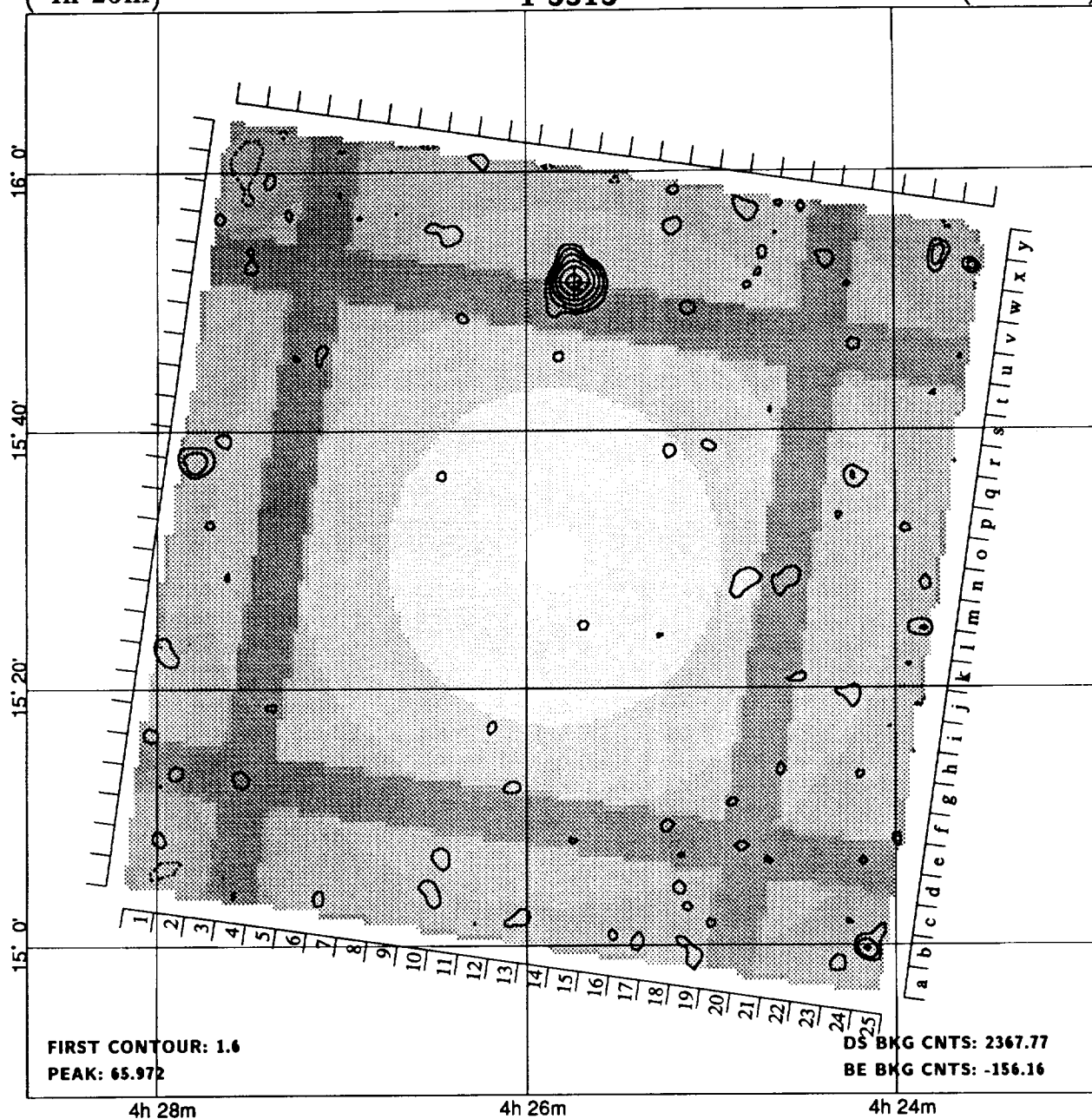
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1050	1	04 25 34.1	14 37 50	43	0.0107	0.0027	20.9	7.1	4.0	0.8	0	5.1	H	S

(4h 25m)

I 3513

(4h 25m)

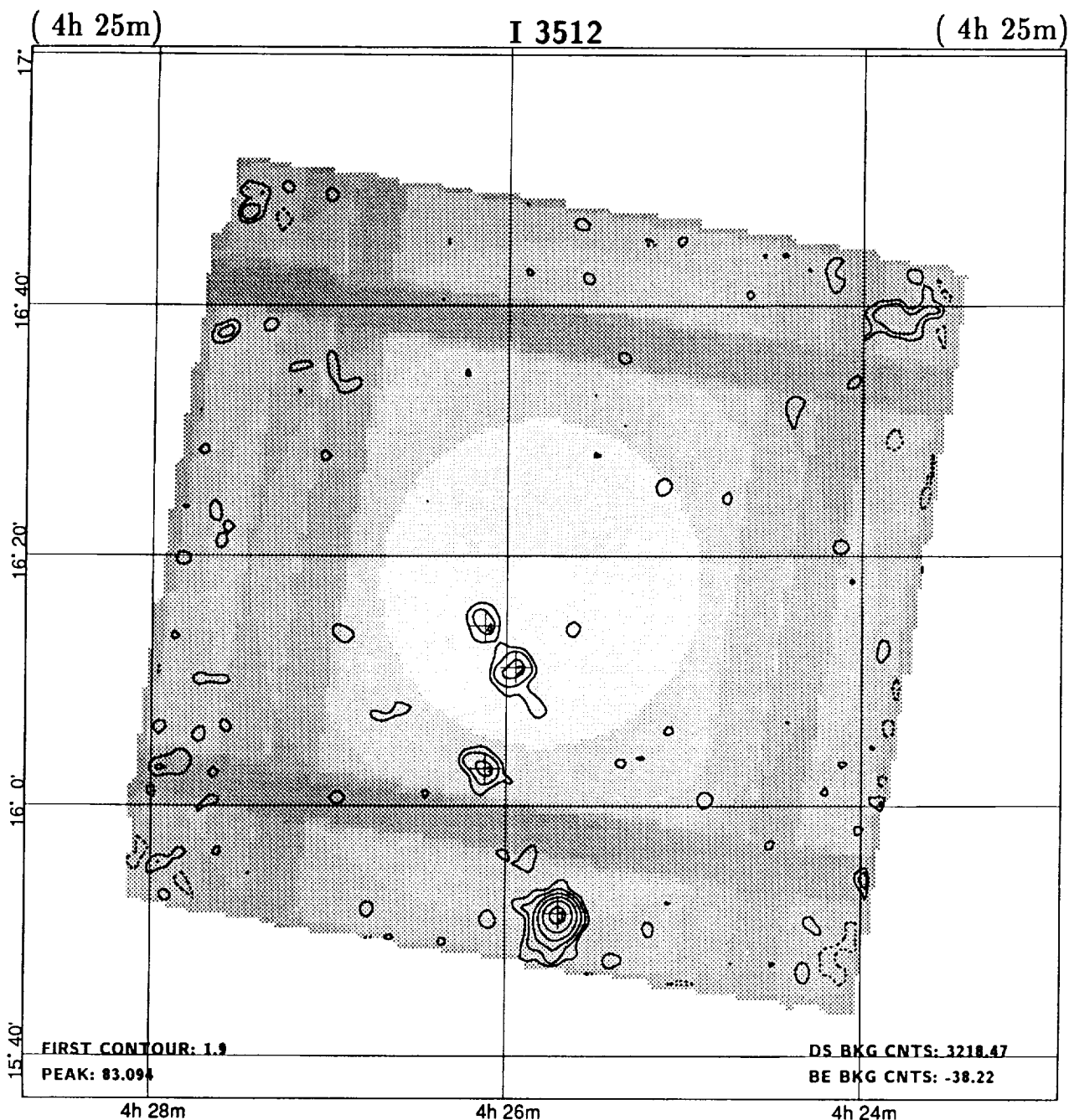


FIELD CENTER: $04^h 25^m 48.0^s$ $15^\circ 30' 28''$ (B1950)
 $04^h 28^m 38.8^s$ $15^\circ 37' 03''$ (J2000)
 $l: 180.56$ $b: -22.17$

DATE: 1979/252 - 1979/252
 LIVETIME: 1918.7s
 ROLL ANGLE: -81.9°

NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1052	1	04 25 44.1	15 51 22	47	*0.163	0.013	153.3	2.7	12.3	1.1	906	20.9	AH	S



CENTRAL HYADES REGION

FIELD CENTER: $04^h 25^m 48.0^s$ $16^\circ 18' 35''$ (B1950)
 $04^h 28^m 39.8^s$ $16^\circ 25' 10''$ (J2000)
 $l: 179.89$ $b: -21.67$

DATE: 1979/254 - 1980/ 62
 LIVETIME: 2608.0s

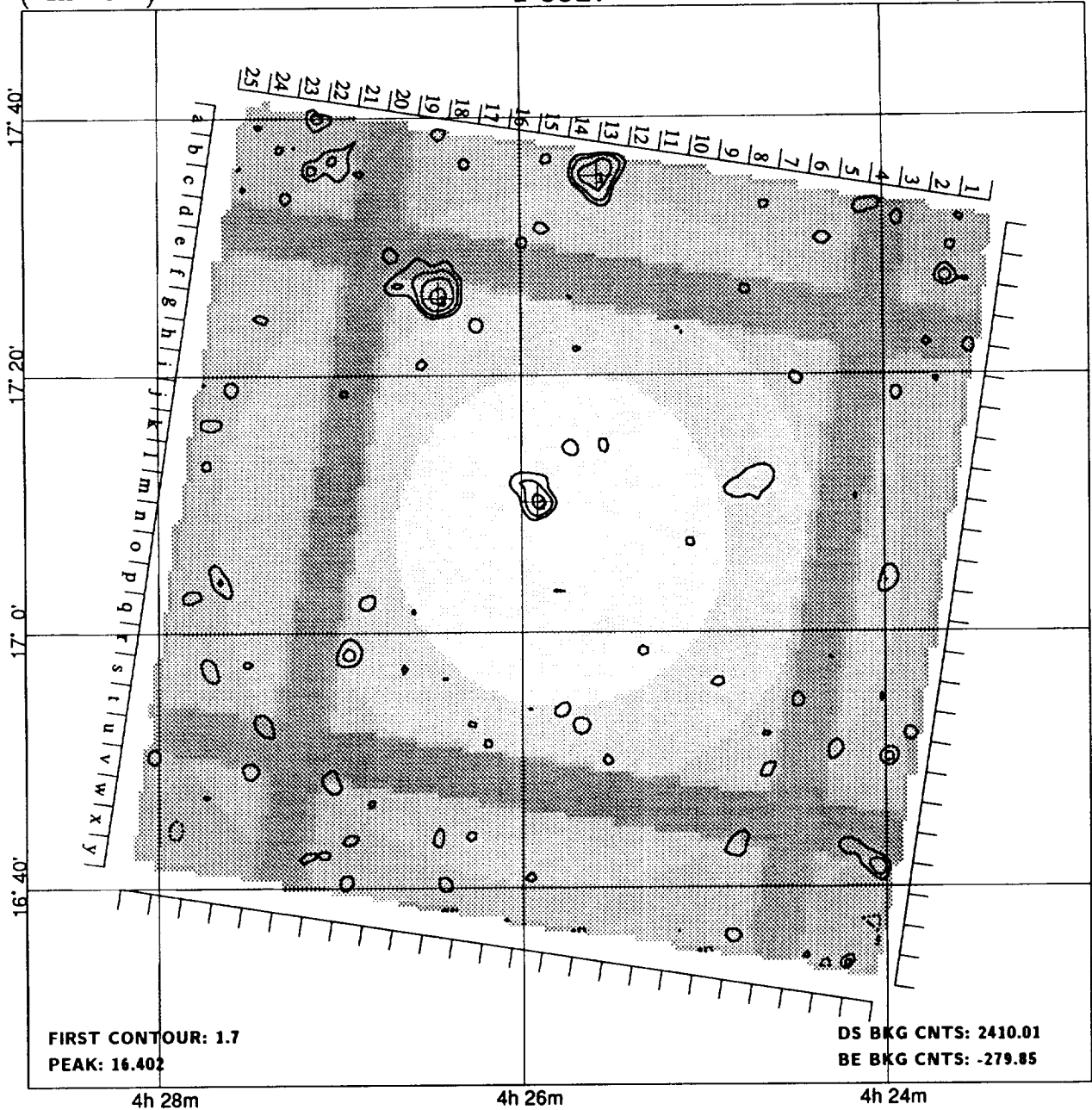
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1052	1	04 25 42.0	15 51 24	47	0.162	0.013	172.5	5.5	12.9	1.2	0	27.1	AH	S
1055	2	04 25 56.8	16 11 04	41	0.0252	0.0040	46.0	8.0	6.3	1.3	0	8.5	AH	*
1058	3	04 26 07.1	16 03 02	51	0.0201	0.0040	30.8	6.2	5.1	1.1	0	16.3	AH	*
1057	4	04 26 07.3	16 14 26	42	0.0117	0.0029	21.7	7.3	4.0	0.9	0	6.1	AH	*

(4h 25m)

I 3527

(4h 25m)



CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}25^{\text{m}}48.0^{\text{s}}$ $17^{\circ}06'35''$ (B1950)
 $04^{\text{h}}28^{\text{m}}40.7^{\text{s}}$ $17^{\circ}13'10''$ (J2000)
 $l: 179.22$ $b: -21.16$

DATE: 1980/ 62 - 1980/ 62
 LIVETIME: 1952.9s
 ROLL ANGLE: 98.8°

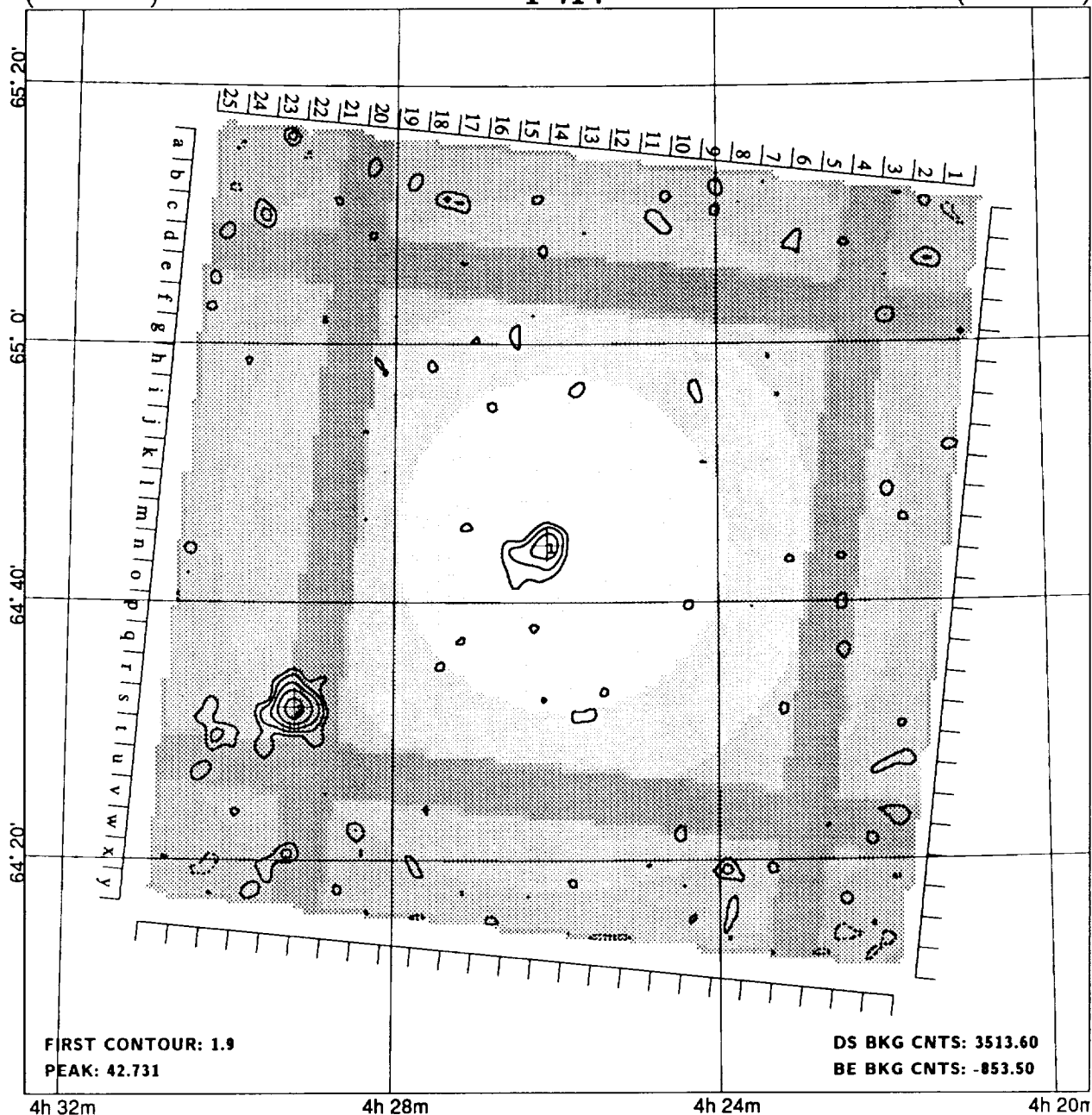
NH: $1.7\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1051	1	04 25 34.4	17 35 28	51	0.0323	0.0071	23.6	3.4	4.5	1.3	500	29.4	H	*
1054	2	04 25 54.8	17 10 07	35	0.0201	0.0041	28.5	5.5	4.9	1.0	0	4.0	H	S
1059	3	04 26 27.3	17 26 00	50	*0.0516	0.0076	49.6	3.4	6.8	1.2	601	21.8	H	S

(4h 26m)

I 414

(4h 26m)



FIELD CENTER: 04^h26^m00.0^s 64°43'55" (B1950)
04^h30^m44.4^s 64°50'25" (J2000)
 l : 143.68 b : 11.23

DATE: 1979/ 57 - 1979/ 59
LIVETIME: 2847.2s
ROLL ANGLE: 95.7°

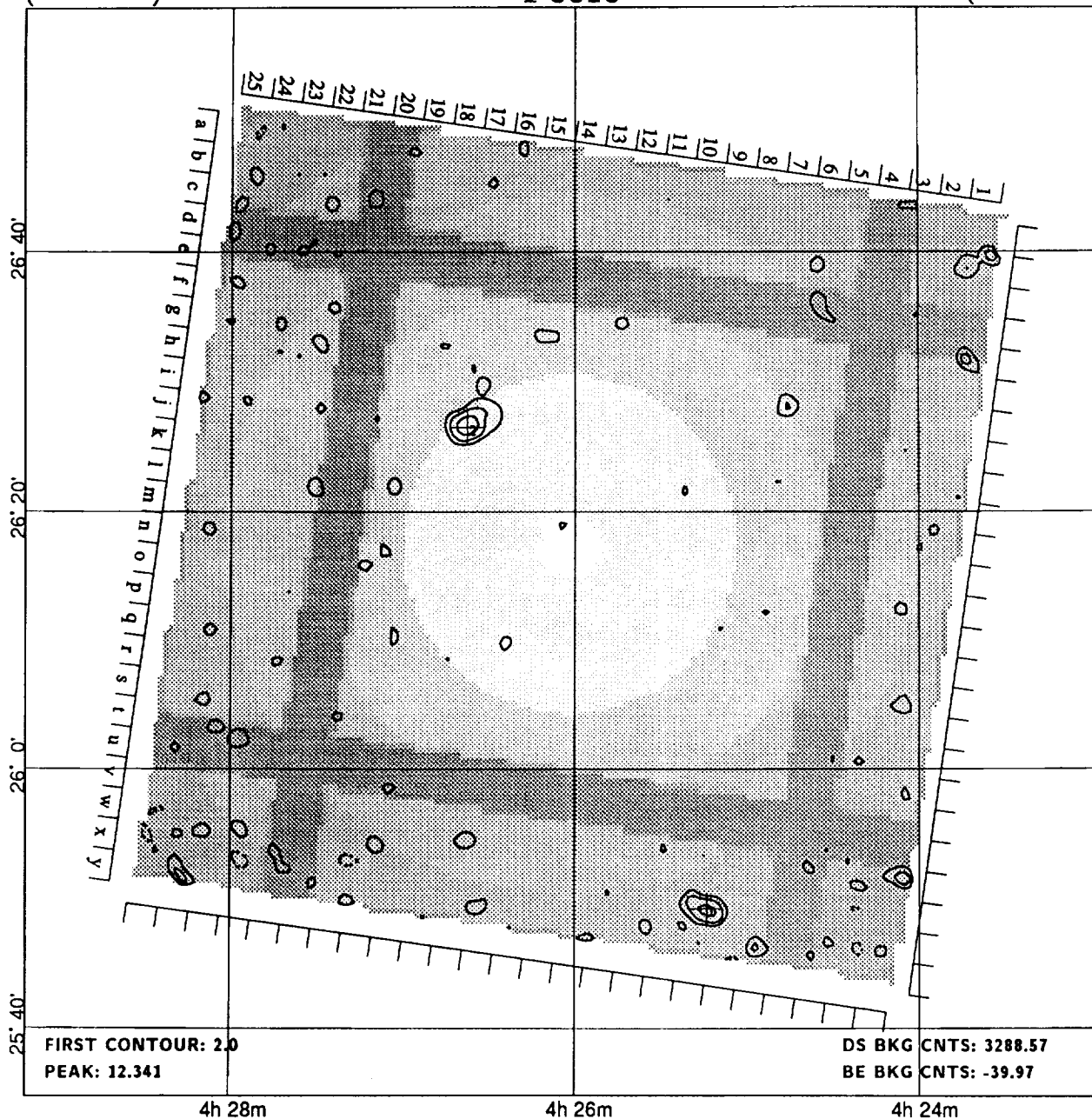
NH: 2.2E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1056	1	04 26 06.8	64 44 27	35	0.0243	0.0036	51.5	6.5	6.8	1.4	0	0.9	H	G
1075	2	04 29 12.4	64 31 52	48	*0.0820	0.0082	102.0	3.0	10.0	1.3	1007	23.8	H	S

(4h 26m)

I 3818

(4h 26m)



T TAURI STARS: DI/DH TAU

FIELD CENTER: $04^h 26^m 04.0^s$ $26^\circ 16' 51''$ (B1950)
 $04^h 29^m 08.1^s$ $26^\circ 23' 24''$ (J2000)
 $l: 171.94$ $b: -15.14$

DATE: 1980/ 46 - 1980/ 46
 LIVETIME: 2664.8s
 ROLL ANGLE: 98.1°

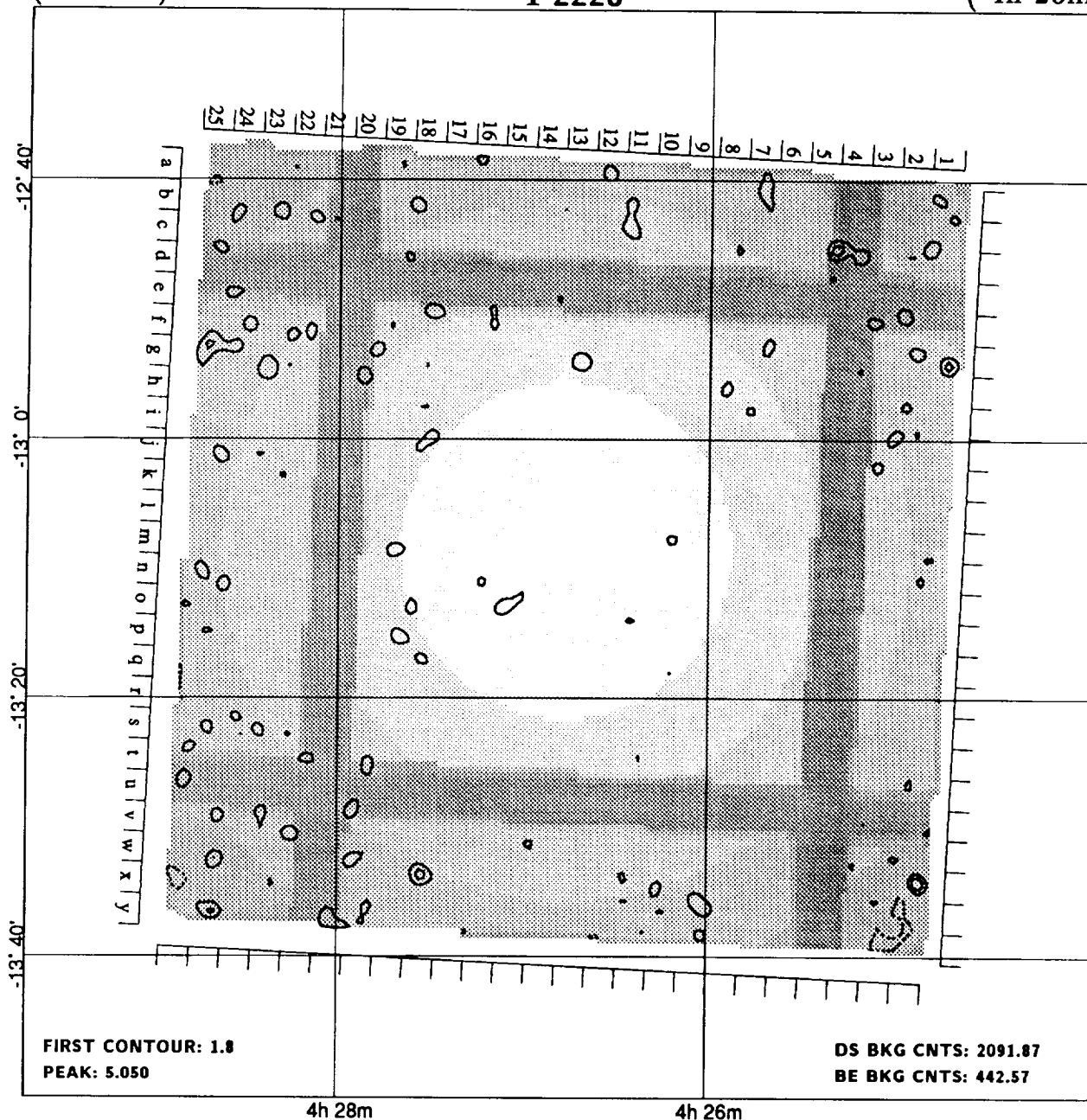
NH: $1.4E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1049	1	04 25 13.7	25 49 13	55	0.0186	0.0052	17.2	5.8	3.6	0.9	0	29.8	AH	
1061	2	04 26 37.7	26 26 26	41	0.0247	0.0041	42.0	7.0	6.0	1.1	0	12.2	H	S

(4h 26m)

I 2228

(4h 26m)



STELLAR SURVEY-EARLY TYPE STARS: HD28497

FIELD CENTER: $04^{\text{h}}26^{\text{m}}48.0^{\text{s}}$ $-13^{\circ}08'59''$ (B1950)
 $04^{\text{h}}29^{\text{m}}07.4^{\text{s}}$ $-13^{\circ}02'28''$ (J2000)
 $l: 208.77$ $b: -37.40$

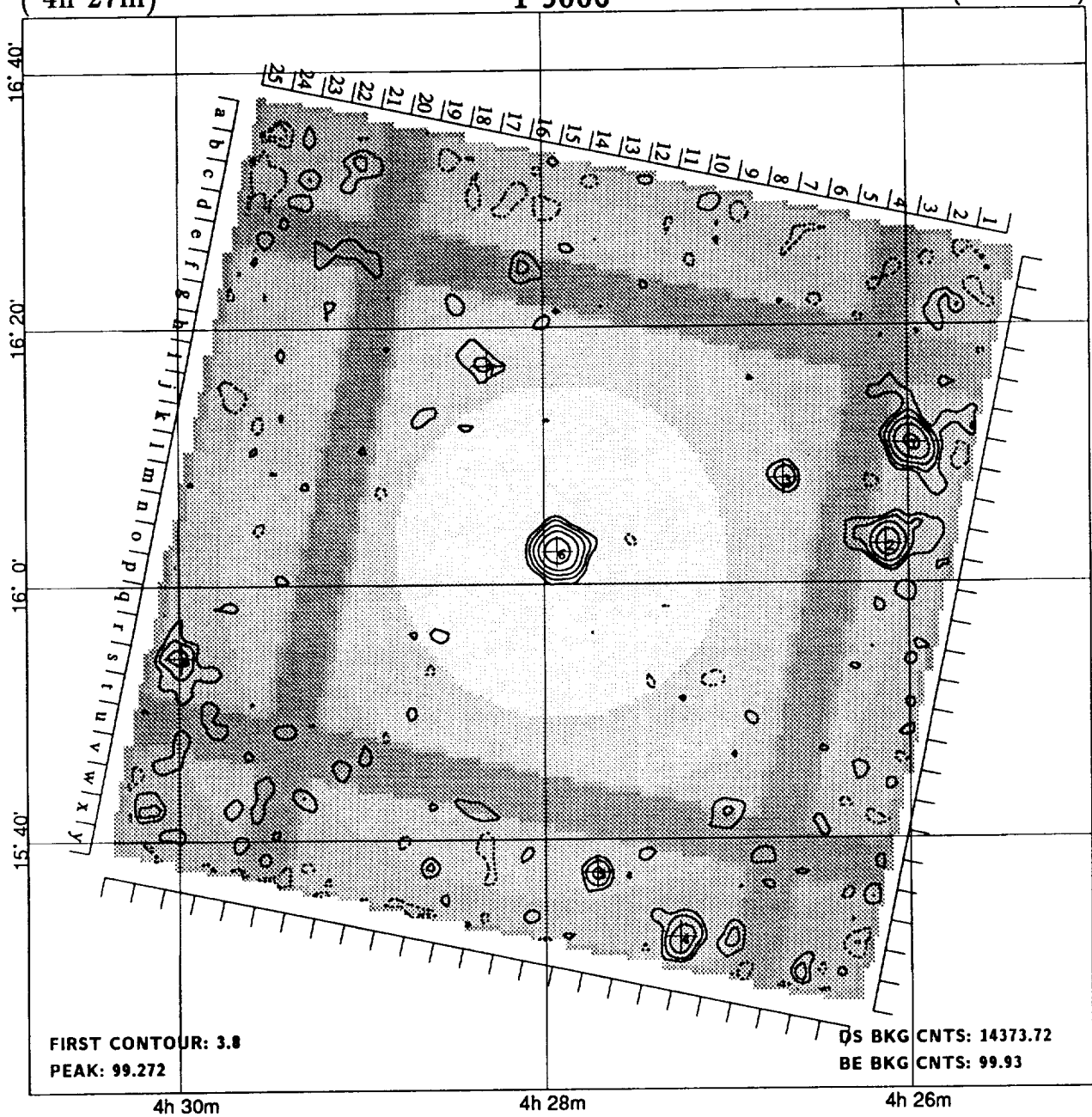
DATE: 1979/ 66 - 1979/ 66
 LIVETIME: 1695.1s
 ROLL ANGLE: 92.7°

NH: $4.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(4h 27m)

I 9006

(4h 27m)



SELETED FIELDS IN THE CENTRAL HYADES: TARGET# 7

FIELD CENTER: $04^h 27^m 55.0^s$ $16^\circ 02' 29''$ (B1950)
 $04^h 30^m 46.5^s$ $16^\circ 08' 56''$ (J2000)
 $l: 180.46$ $b: -21.44$

DATE: 1981/ 31 - 1981/ 31
 LIVETIME: 11647.4s
 ROLL ANGLE: 101.7°

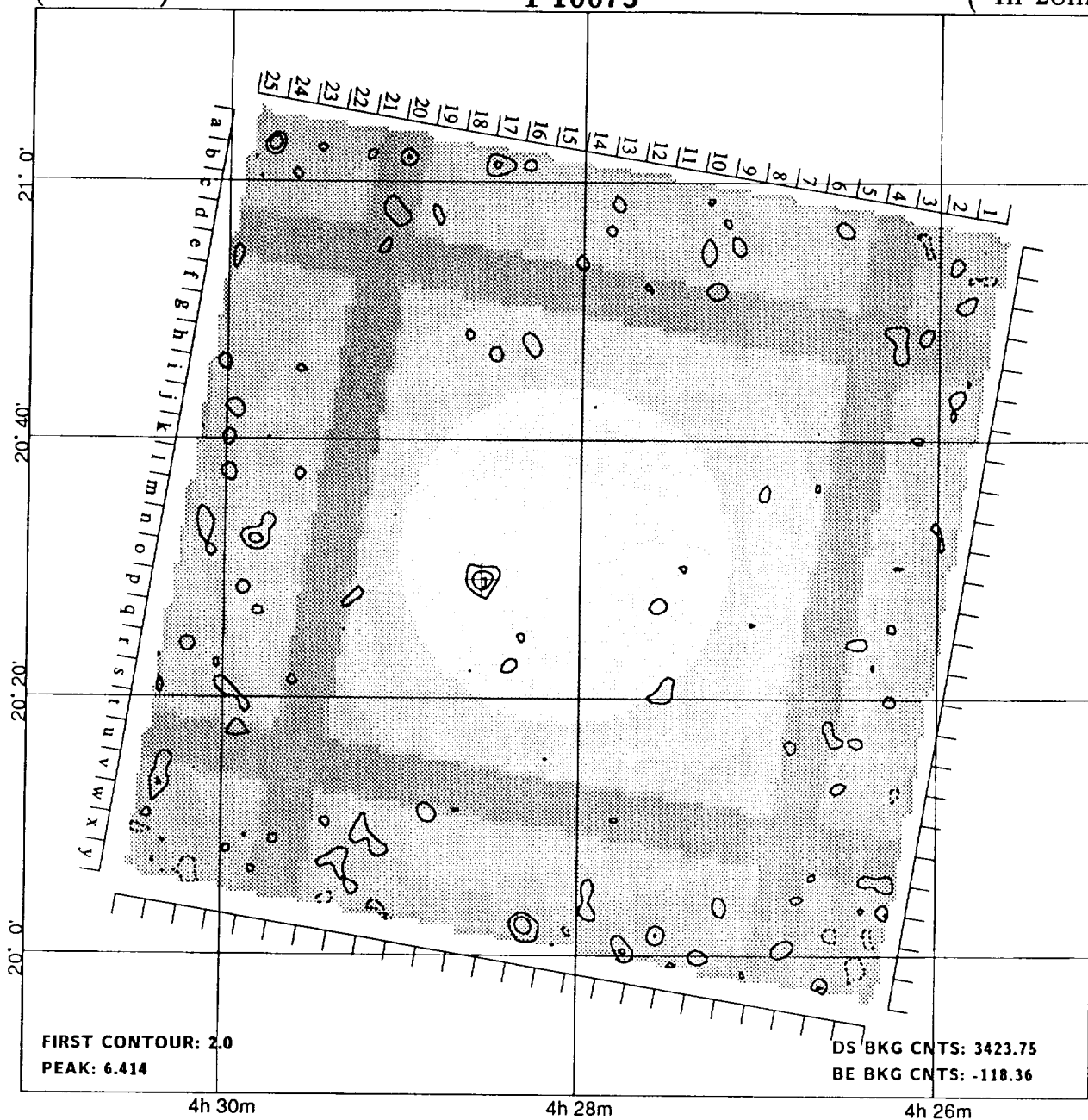
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1055	1	04 25 59.5	16 10 50	48	0.0396	0.0032	170.8	20.2	12.4	1.4	100	29.1	AH	*
1058	2	04 26 07.5	16 02 59	48	0.0263	0.0025	128.9	24.1	10.4	1.4	500	25.7	AH	*
1062	3	04 26 41.1	16 08 07	51	0.0058	0.0013	36.1	27.9	4.5	0.7	0	18.6		
1065	4	04 27 15.7	15 32 21	51	0.0118	0.0022	44.8	25.2	5.3	1.2	0	31.5	H	S
1066	5	04 27 42.9	15 37 25	51	0.0064	0.0015	32.1	23.9	4.3	0.7	0	25.1		
1067	6	04 27 55.7	16 02 31	31	0.0520	0.0025	451.8	36.2	20.5	1.2	0	0.2	AH	S
1068	7	04 28 18.5	16 17 01	52	0.0038	0.0011	26.0	28.0	3.5	1.0	0	15.6	H	
1083	8	04 29 59.3	15 54 22	51	0.0090	0.0020	34.5	22.5	4.6	1.5	0	30.8	H	

(4h 28m)

I 10075

(4h 28m)



COMPACT EXTRAGALACTIC RADIO SOURCES: 0428+205

FIELD CENTER: $04^{\text{h}}28^{\text{m}}06.9^{\text{s}}$ $20^{\circ}31'08''$ (B1950)
 $04^{\text{h}}31^{\text{m}}03.8^{\text{s}}$ $20^{\circ}37'34''$ (J2000)
 $l: 176.81$ $b: -18.56$

DATE: 1981/ 33 - 1981/ 33
 LIVETIME: 2774.4s
 ROLL ANGLE: 99.4°

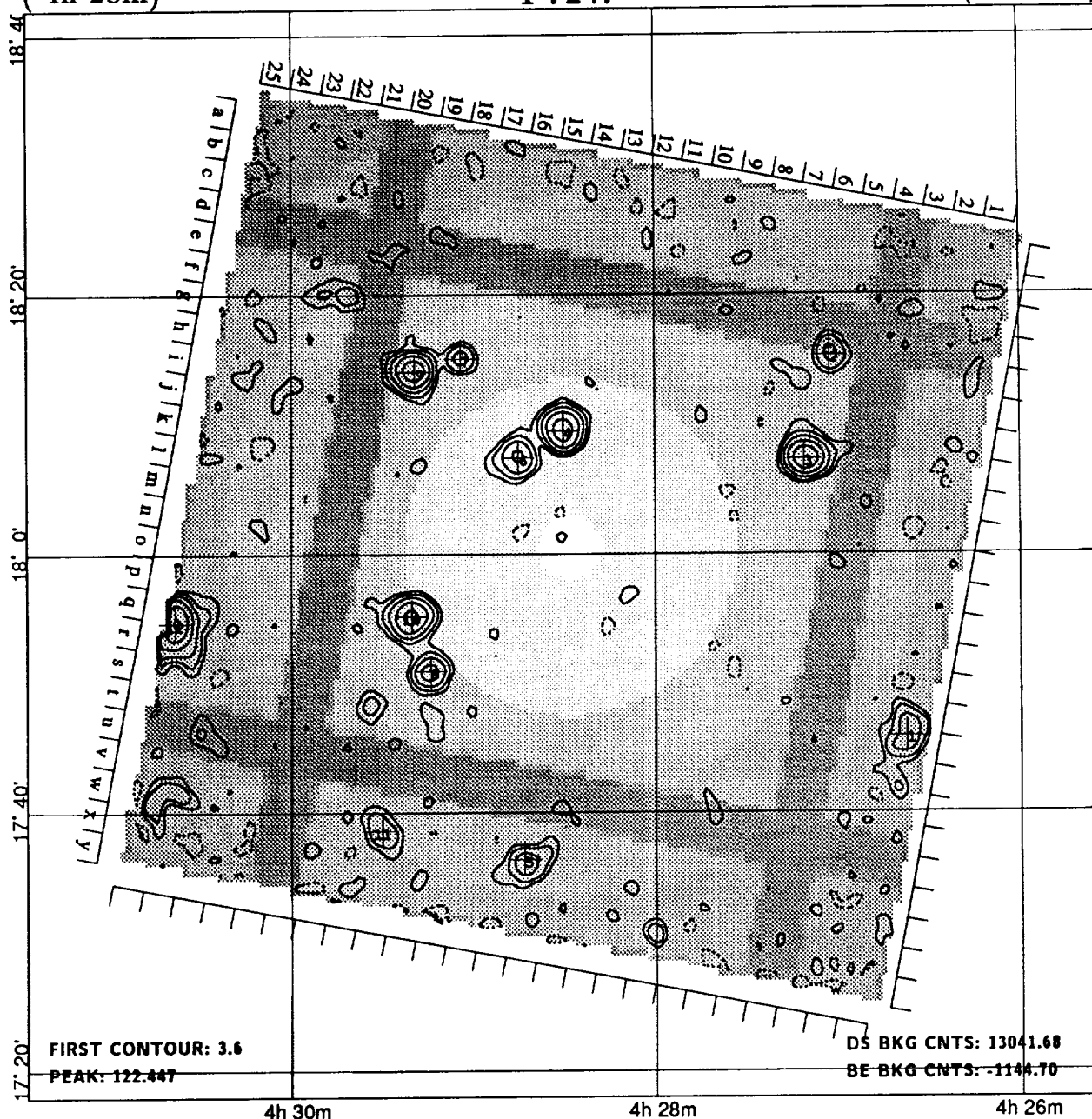
NH: $2.0\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1070	1	04 28 33.4	20 29 08	43	0.0099	0.0027	19.2	7.8	3.7	0.7	0	6.6	H

(4h 28m)

I 7247

(4h 28m)



HH 28-30, HERBIG HARO OBJECTS

FIELD CENTER: 04^h28^m30.0^s 17°59'59" (B1950)
 04^h31^m23.8^s 18°06'23" (J2000)
 ℓ : 178.92 b : -20.10

DATE: 1981/ 31 - 1981/ 31
 LIVETIME: 10568.0s
 ROLL ANGLE: 100.7°

NH: 1.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1060	1	04 26 37.5	17 45 46	51	0.0144	0.0022	53.3	15.7	6.4	1.7	300	29.6	H	
1063	2	04 27 02.5	18 15 15	51	*0.0088	0.0016	40.0	14.0	5.4	0.8	906	25.7		
1064	3	04 27 10.9	18 07 19	47	0.0504	0.0031	276.8	19.2	16.1	1.0	0	20.2	H	
1069	4	04 28 30.4	18 09 30	38	0.0455	0.0026	324.9	30.1	17.2	1.4	0	9.7	H	
1072	5	04 28 43.4	17 36 21	50	0.0106	0.0018	49.1	18.9	6.0	1.2	0	23.8	AH	
1073	6	04 28 45.3	18 07 26	38	0.0173	0.0017	125.6	29.4	10.1	3.7	0	8.4	H	
1074	7	04 29 04.2	18 15 04	50	0.0079	0.0014	46.9	22.1	5.7	6.6	0	17.0	H	
1076	8	04 29 14.3	17 50 56	38	0.0177	0.0018	111.6	23.4	9.6	3.2	0	13.8	H	
1078	9	04 29 19.3	18 14 04	47	0.0434	0.0029	246.7	24.3	15.0	1.2	500	18.6	AH	S
1079	10	04 29 20.4	17 55 14	38	0.0358	0.0025	232.5	23.5	14.5	1.6	0	13.0	AH	S

Source Table cont.

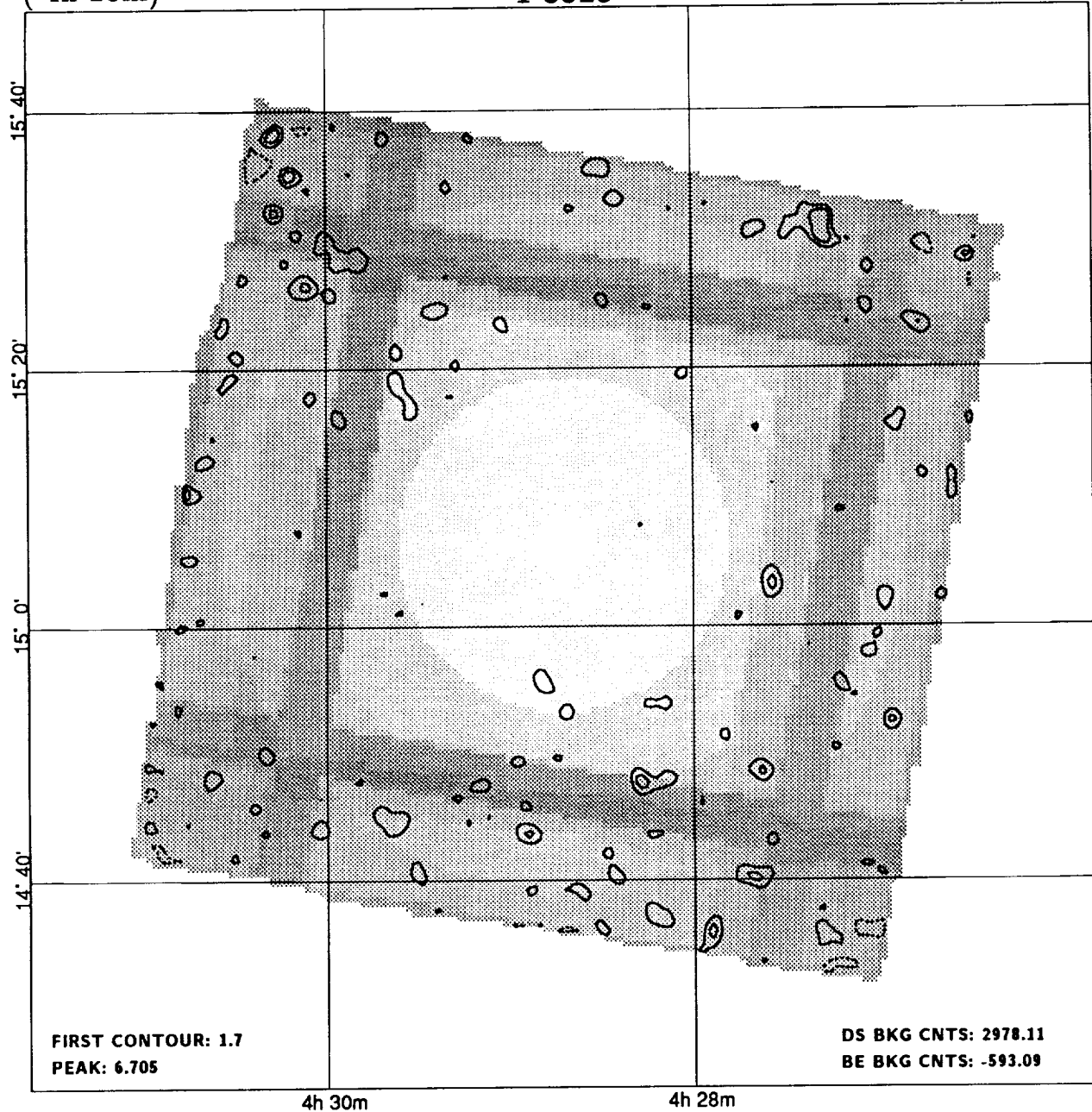
I 7247 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1081	11	04 29 30.1	17 38 36	55	0.0084	0.0017	36.0	17.0	5.0	1.0	0	25.8	H	
1089	12	04 30 38.1	17 54 43	47	*0.0973	0.0061	269.2	15.8	15.9	1.6	703	31.0	AEH	

(4h 28m)

I 3525

(4h 28m)



CENTRAL HYADES REGION

FIELD CENTER: $04^h 28^m 43.2^s$ $15^\circ 05' 59''$ (B1950)
 $04^h 31^m 33.6^s$ $15^\circ 12' 22''$ (J2000)
 $l: 181.38$ $b: -21.88$

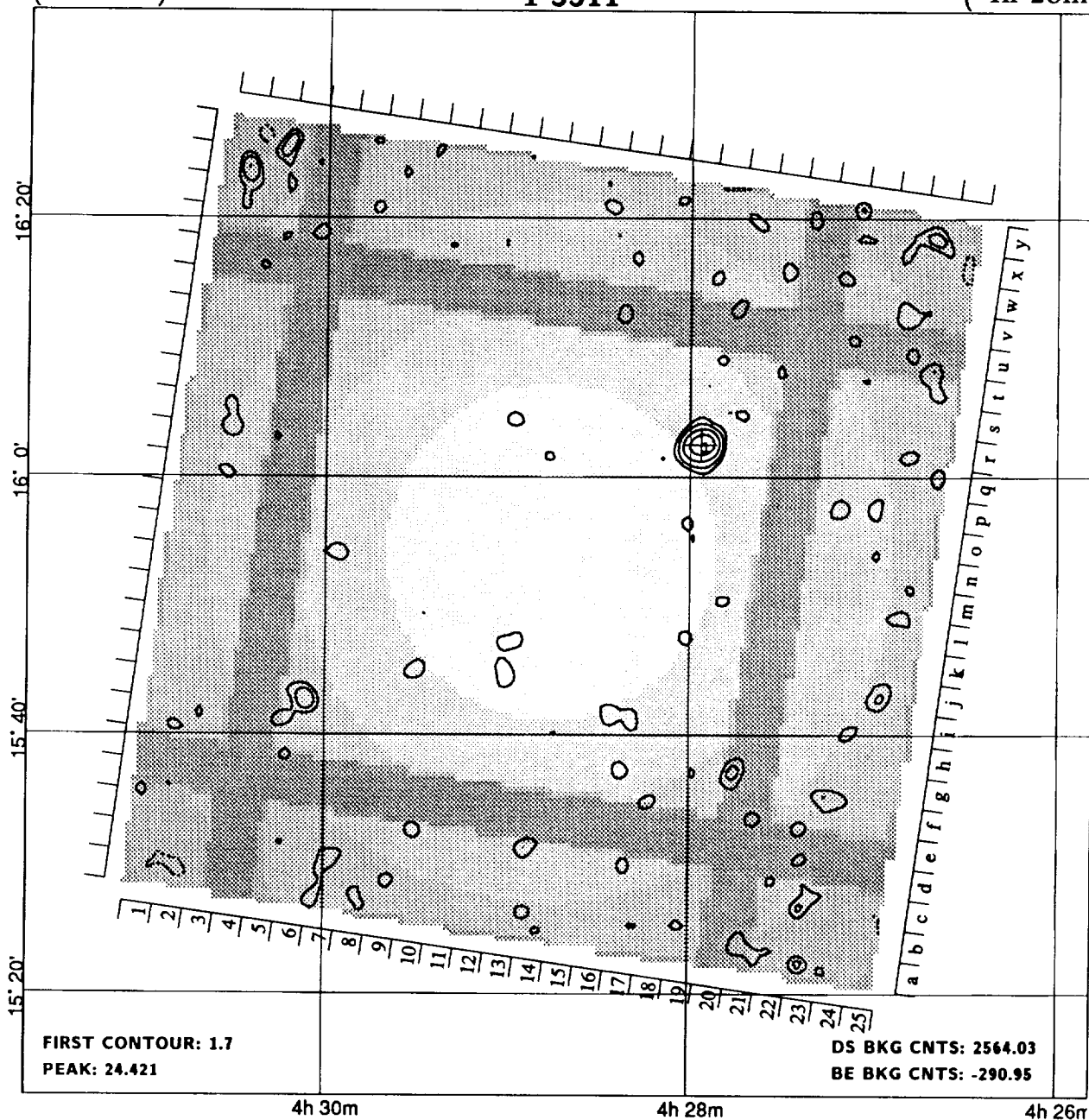
DATE: 1979/252 - 1980/ 51
LIVETIME: 2413.2s

NH: $1.6E+21$
REF/ID:
FIELD FLAGS:

(4h 28m)

I 3511

(4h 28m)



CENTRAL HYADES REGION

FIELD CENTER: 04^h28^m43.2^s 15°53'59" (B1950)
04^h31^m34.6^s 16°00'22" (J2000)
ℓ: 180.70 b: -21.38

DATE: 1979/253 - 1979/253
LIVETIME: 2077.7s
ROLL ANGLE: -82.0°

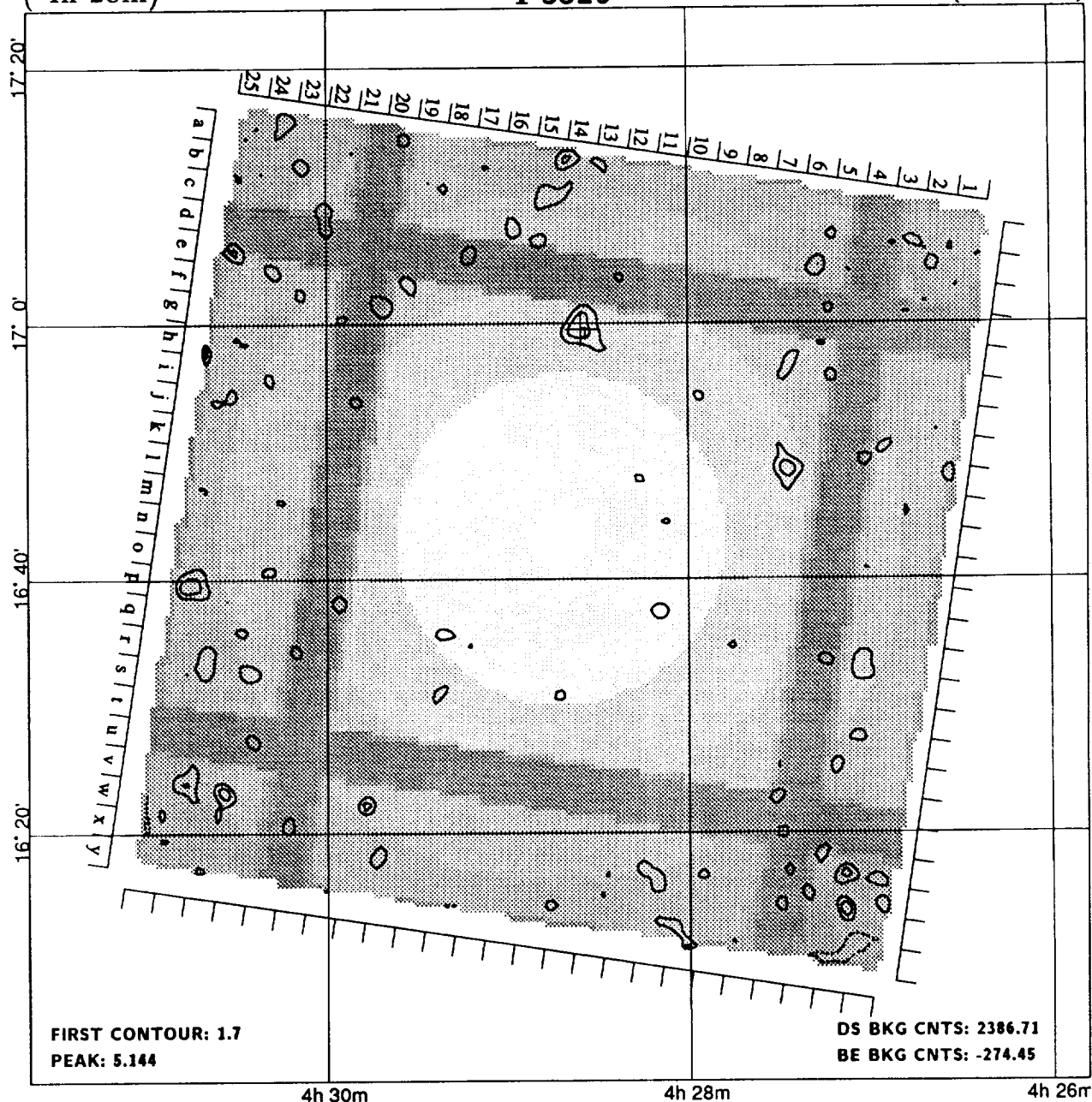
NH: 1.6E+21
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1067	1	04 27 56.3	16 02 30	38	0.0581	0.0070	72.4	4.6	8.2	1.1	0	14.3	AH	S

(4h 28m)

I 3526

(4h 28m)



CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}28^{\text{m}}43.2^{\text{s}}$ $16^{\circ}42'35''$ (B1950)
 $04^{\text{h}}31^{\text{m}}35.5^{\text{s}}$ $16^{\circ}48'58''$ (J2000)
 $l: 180.03$ $b: -20.87$

DATE: 1979/254 - 1980/ 62
 LIVETIME: 1934.0s
 ROLL ANGLE: 98.5°

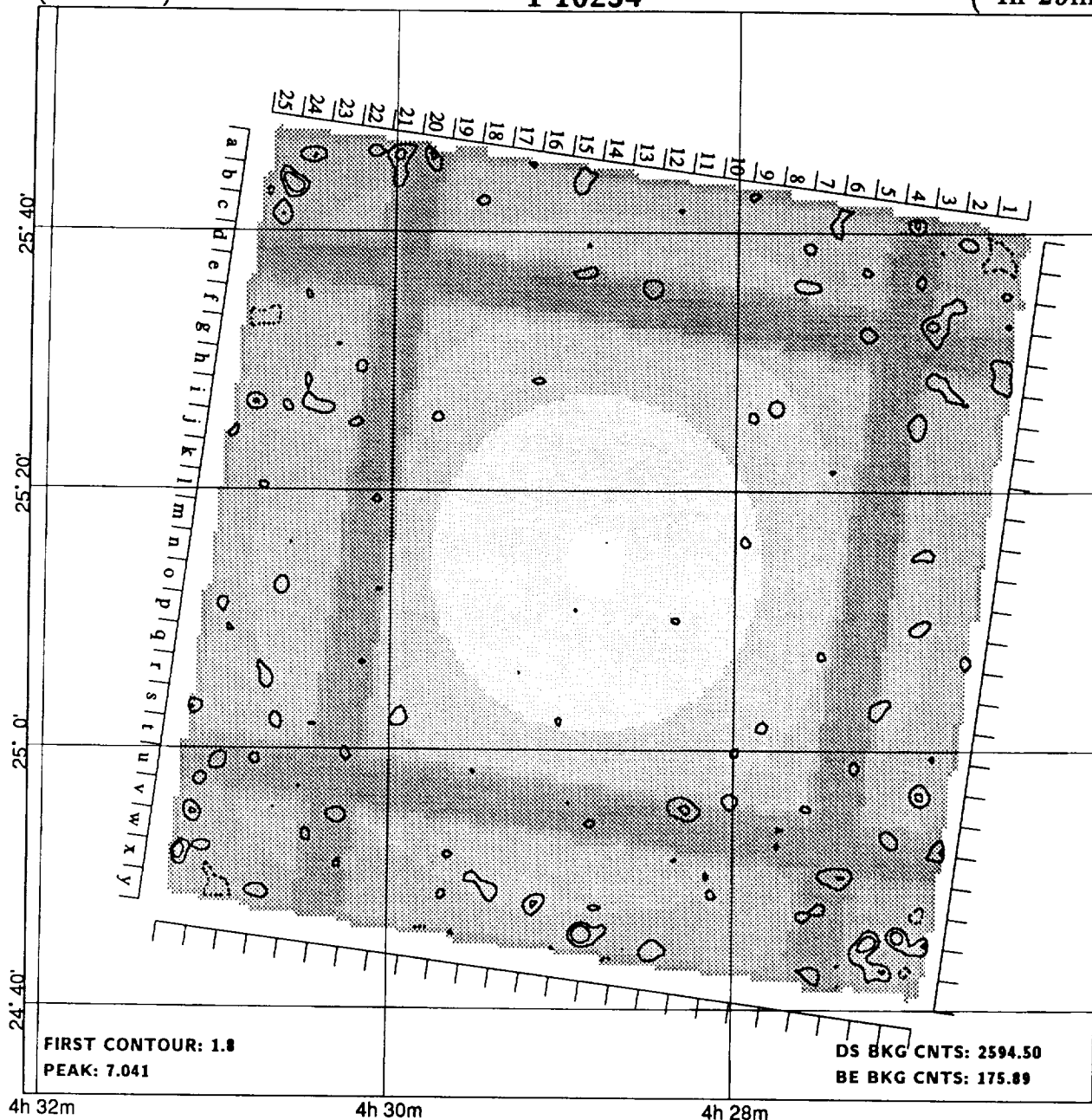
NH: $1.6\text{E}+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1071	1	04 28 35.5	16 59 32	55	0.0163	0.0043	17.9	4.1	3.8	0.9	0	16.8	H	

(4h 29m)

I 10254

(4h 29m)



L1529: NEARBY DARK CLOUDS & GLOBULES

FIELD CENTER: $04^{\text{h}}29^{\text{m}}00.0^{\text{s}}$ $25^{\circ}14'59''$ (B1950)
 $04^{\text{h}}32^{\text{m}}02.9^{\text{s}}$ $25^{\circ}21'21''$ (J2000)
 $l: 173.19$ $b: -15.32$

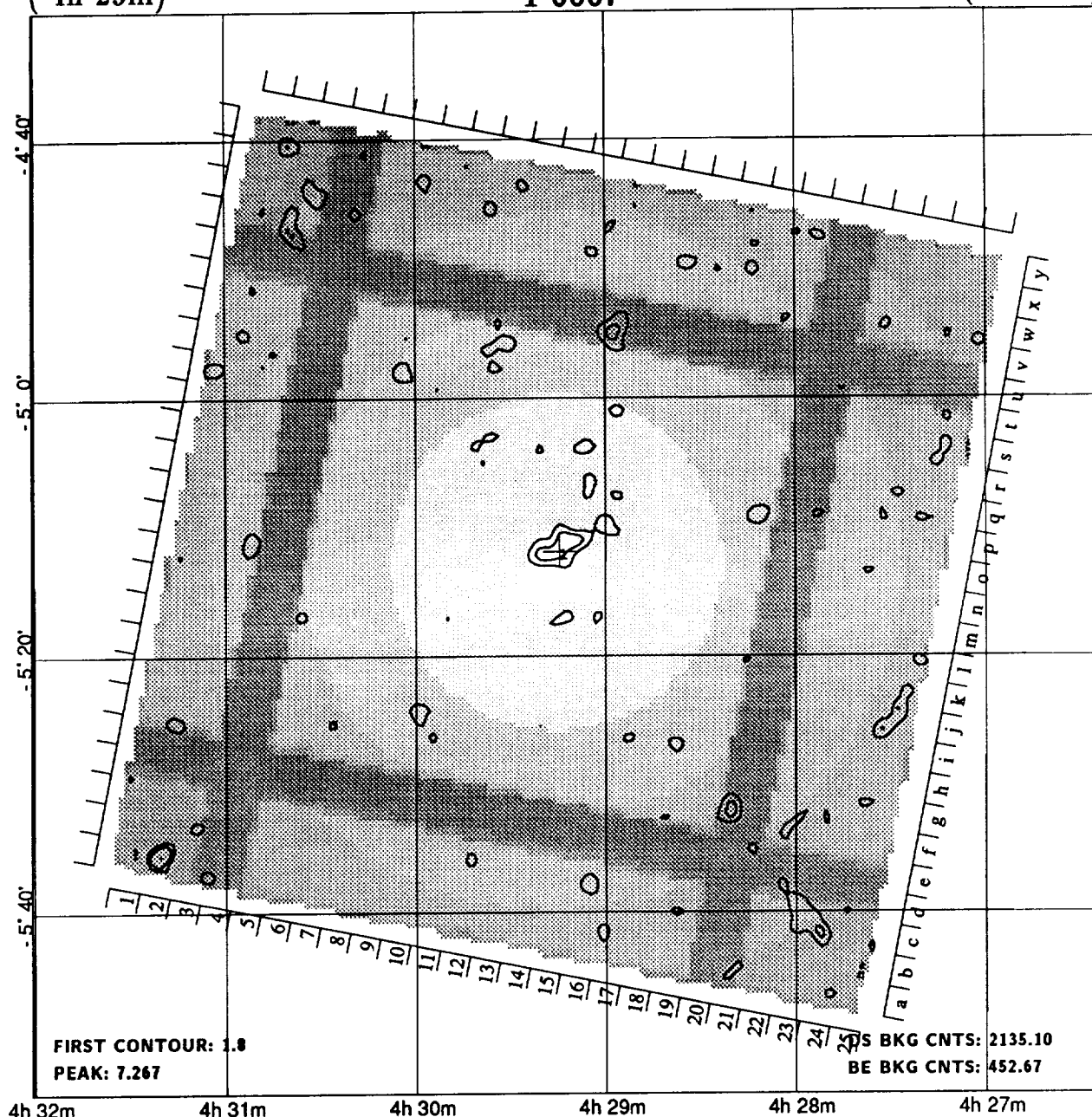
DATE: 1981/ 39 - 1981/ 39
 LIVETIME: 2102.4s
 ROLL ANGLE: 97.6°

NH: $1.6\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(4h 29m)

I 6667

(4h 29m)



FIELD CENTER: $04^{\text{h}}29^{\text{m}}12.0^{\text{s}}$ $-05^{\circ}11'59''$ (B1950)
 $04^{\text{h}}31^{\text{m}}40.2^{\text{s}}$ $-05^{\circ}05'38''$ (J2000)
 $l: 200.43$ $b: -33.24$

DATE: 1980/237 - 1980/237
 LIVETIME: 1730.1s
 ROLL ANGLE: -78.9°

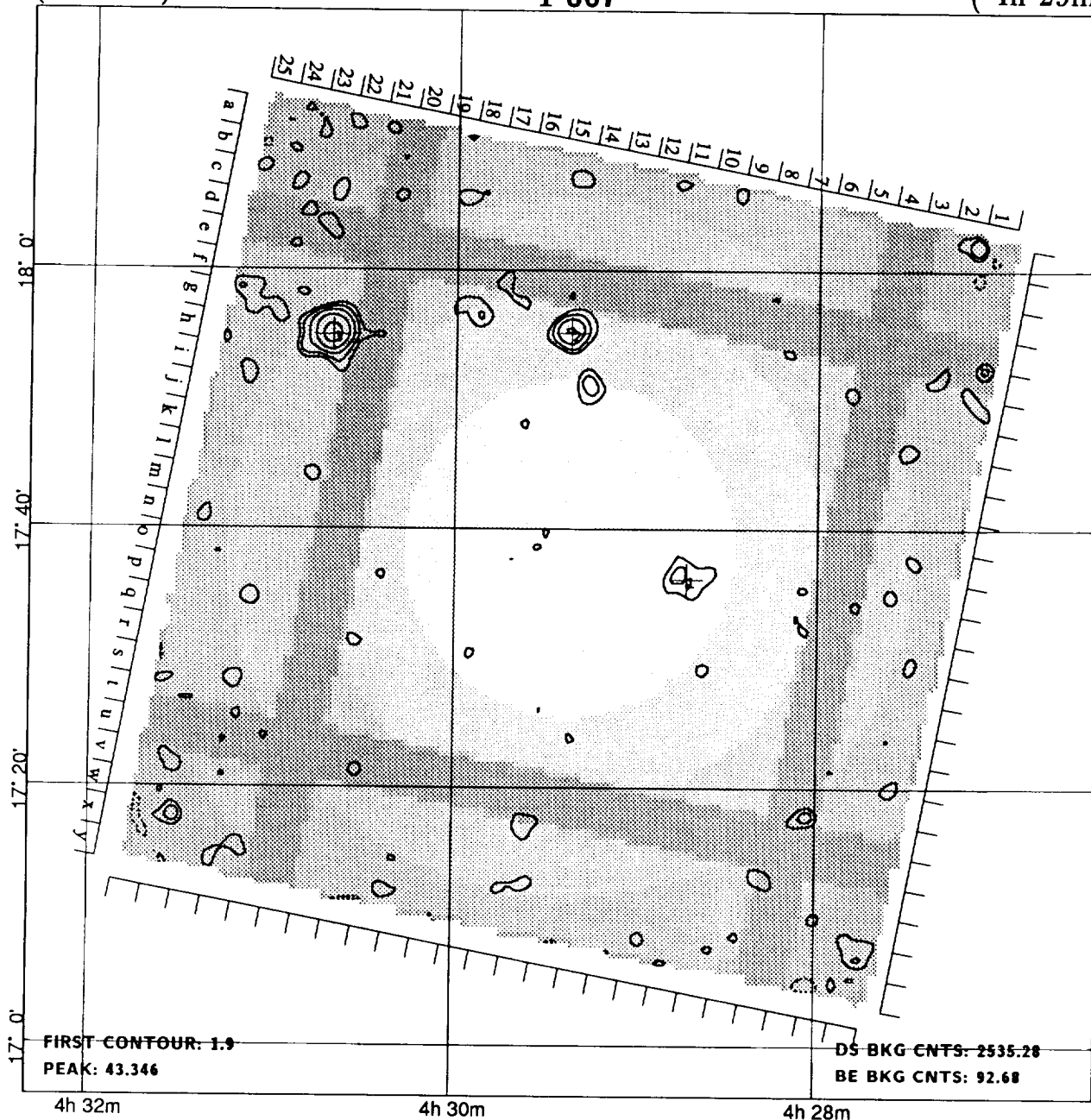
NH: $4.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1077	1	04 29 14.6	-05 11 56	37	0.0178	0.0042	22.9	6.1	4.3	1.4	0	1.5	H	G

(4h 29m)

I 867

(4h 29m)



EG 038 (HZ9) STELLAR OBSERVATIONS, WHITE DWARFS

FIELD CENTER: $04^h29^m24.0^s$ $17^\circ37'59''$ (B1950)
 $04^h32^m17.4^s$ $17^\circ44'20''$ (J2000)
 ℓ : 179.37 b : -20.16

DATE: 1981/ 31 - 1981/ 31
 LIVETIME: 2054.4s
 ROLL ANGLE: 100.8°

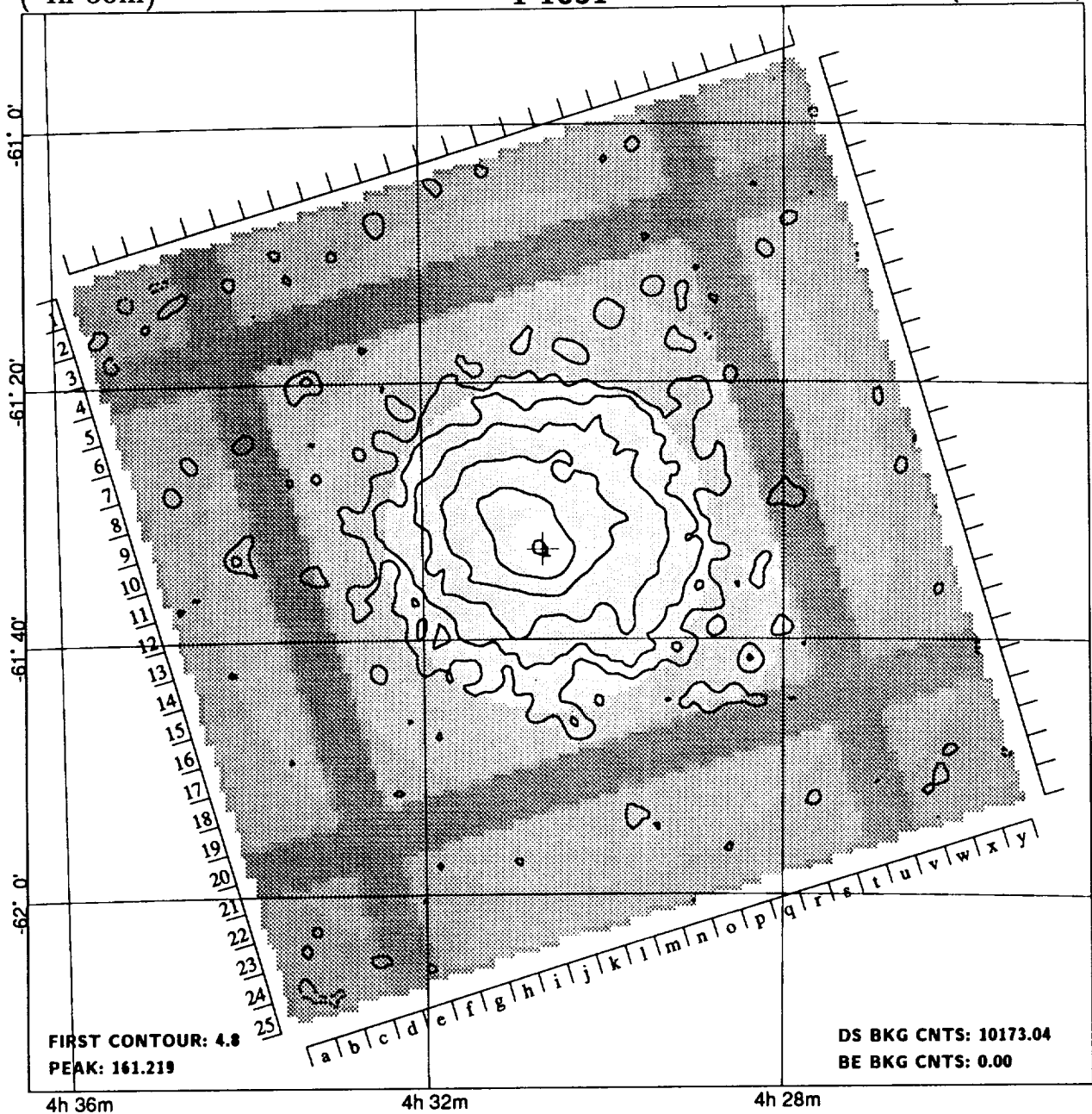
NH: 1.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1072	1	04 28 43.2	17 36 10	46	0.0134	0.0035	18.5	5.5	3.8	1.1	0	10.0	AH	
1079	2	04 29 21.8	17 55 11	50	0.0374	0.0060	43.3	4.7	6.3	0.9	100	17.2	AH	S
1089	3	04 30 40.9	17 54 59	48	0.117	0.012	103.6	3.4	10.0	1.2	300	25.1	AH	

(4h 30m)

I 1831

(4h 30m)



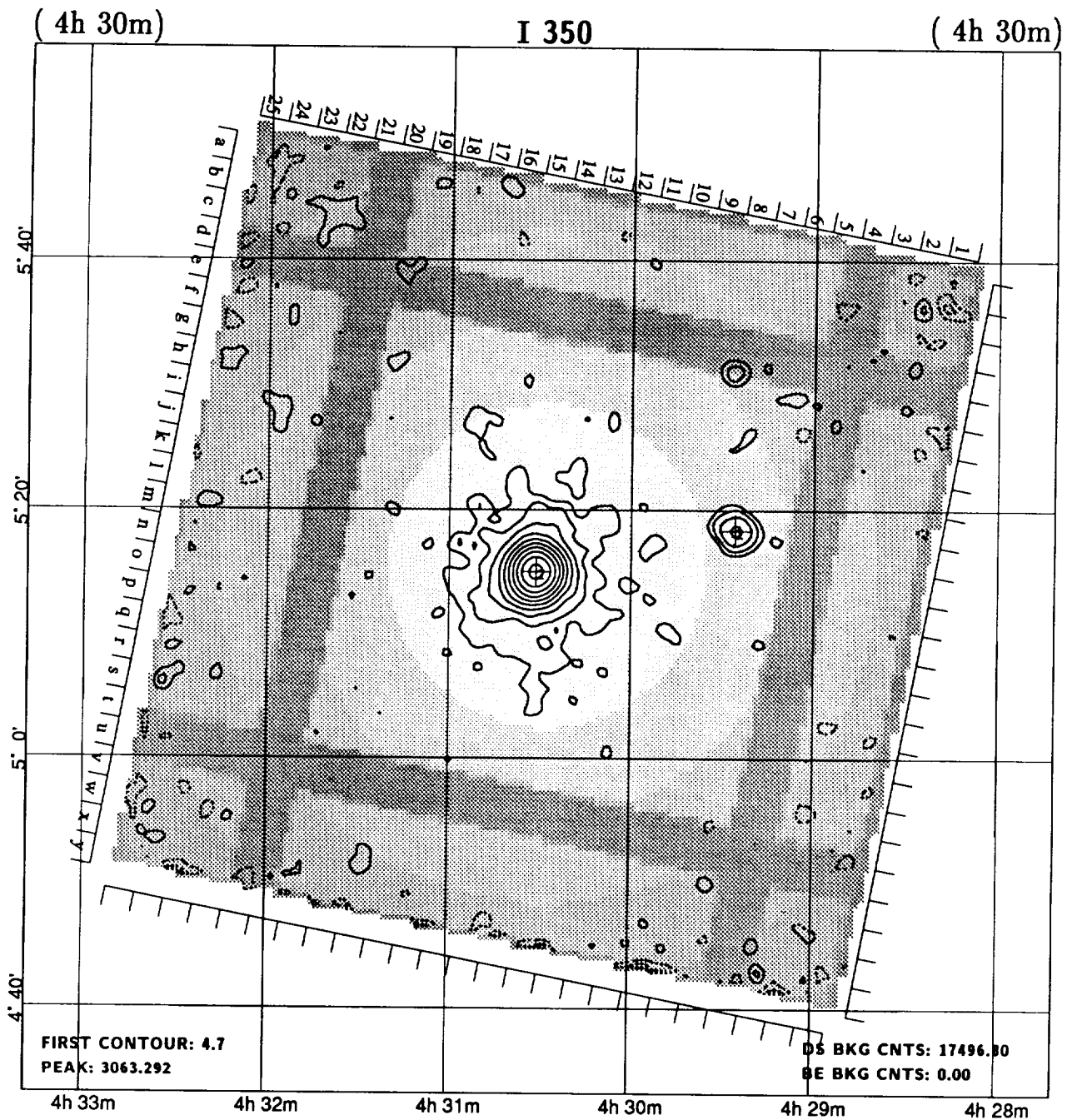
SC430: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: 04^h30^m30.0^s -61°32'59" (B1950)
04^h31^m09.9^s -61°26'39" (J2000)
 l : 272.14 b : -40.16

DATE: 1979/168 - 1979/169
LIVETIME: 8243.5s
ROLL ANGLE: -16.7°

NH: 2.5E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1090	1L	04 30 40.1	-61 32 58	31	0.0495	0.0062	303.9	587.1	7.9	13.7	0	1.4	



3C 120 SEYFERT VARIABILITY STUDY

FIELD CENTER: 04^h30^m30.0^s 05°14'59" (B1950)
04^h33^m09.5^s 05°21'16" (J2000)
ℓ: 190.37 b: -27.40

DATE: 1979/ 67 - 1979/ 68
LIVETIME: 14178.1s
ROLL ANGLE: 100.9°

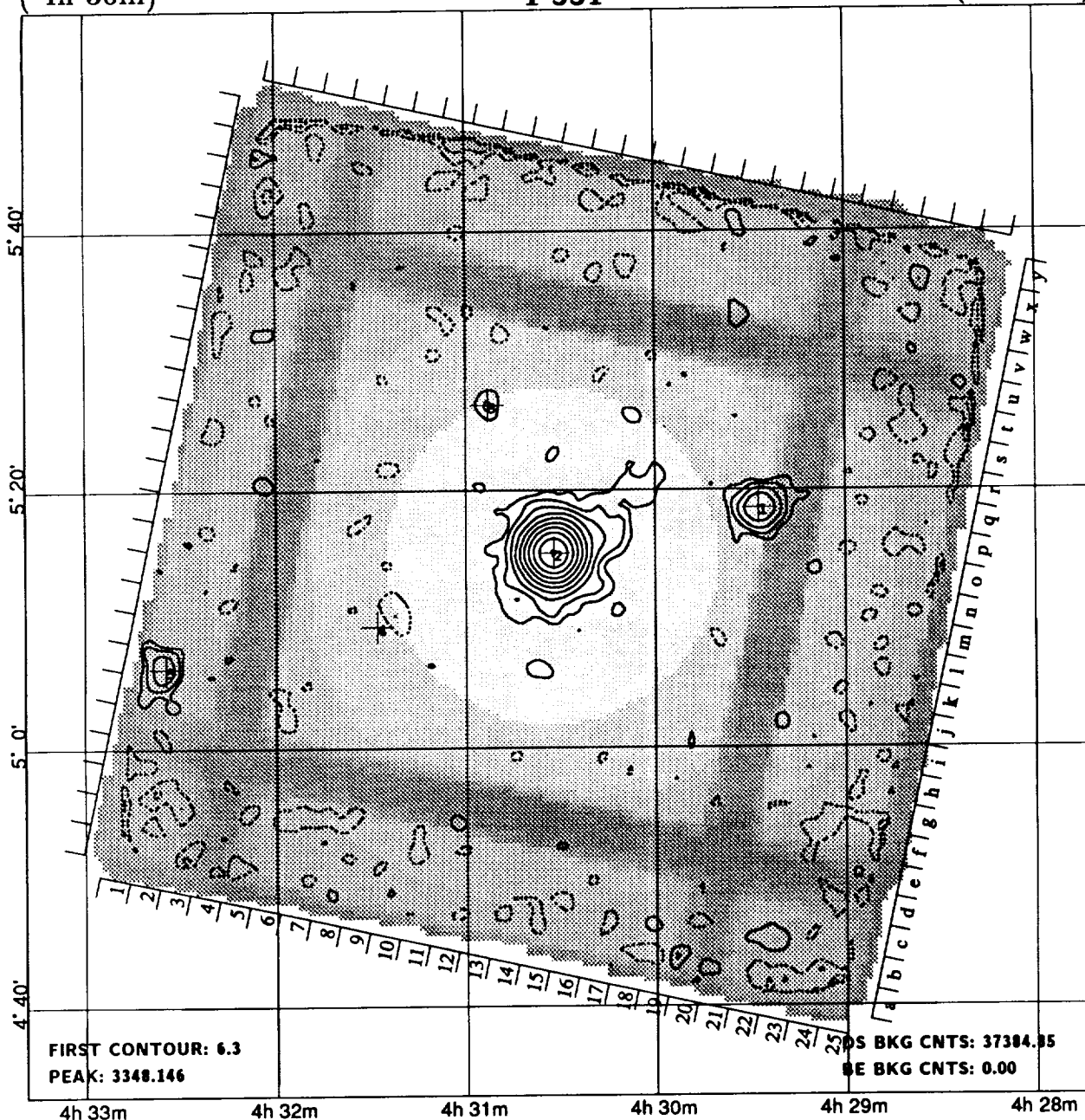
NH: 1.1E+21
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1080	1L	04 29 25.9	05 18 22	48	0.0137	0.0019	113.0	54.0	7.2	1.1	0	16.2	A	S
1087	2L	04 30 31.3	05 15 04	31	1.102	0.012	11631.1	611.9	94.0	1.2	0	0.3	A	SY

(4h 30m)

I 351

(4h 30m)



3C 120 SEYFERT VARIABILITY STUDY

FIELD CENTER: $04^{\text{h}}30^{\text{m}}30.0^{\text{s}}$ $05^{\circ}14'59''$ (B1950)
 $04^{\text{h}}33^{\text{m}}09.5^{\text{s}}$ $05^{\circ}21'16''$ (J2000)
 $l: 190.37$ $b: -27.40$

DATE: 1979/227 - 1979/242
 LIVETIME: 30293.9s
 ROLL ANGLE: -78.0°

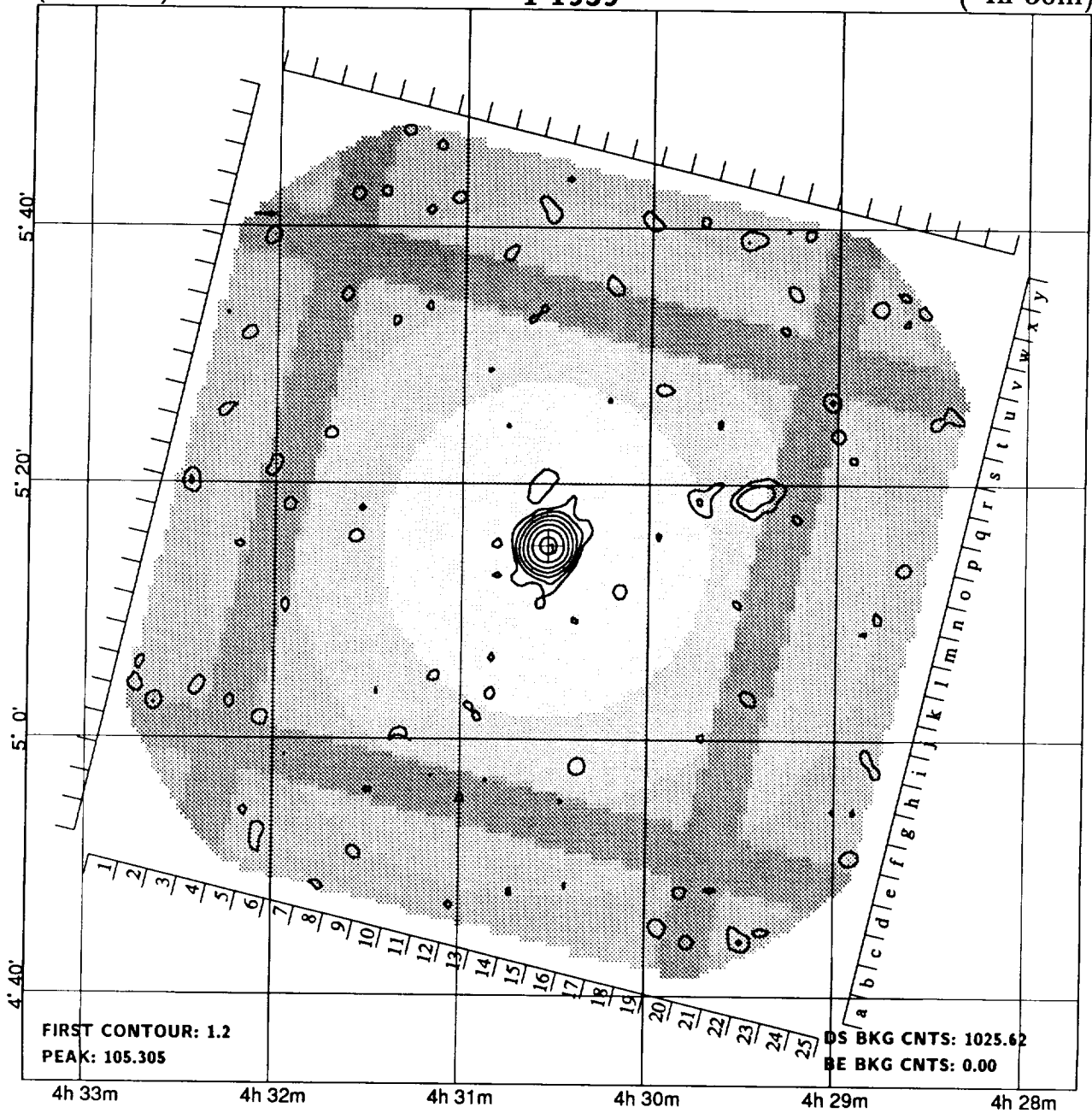
NH: $1.1\text{E}+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1080	1L	04 29 27.3	05 18 35	47	*0.0174	0.0015	297.3	111.0	11.2	1.2	601	16.0	A	S
1087	2L	04 30 32.2	05 15 05	31	0.5757	0.0059	13011.4	1076.6	97.4	1.3	0	0.6	A	SY
1091	3L	04 30 53.0	05 26 35	42	0.00284	0.00074	54.1	71.9	3.8	0.6	0	13.1		
1093	4L	04 31 28.0	05 09 31	117	0.00242	0.00066	43.5	48.5	3.6	-0.1	0	15.5		
1101	5L	04 32 34.7	05 06 11	51	0.0075	0.0014	72.4	57.6	5.1	1.2	100	32.3		

(4h 30m)

I 1939

(4h 30m)



3C 120: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $04^{\text{h}}30^{\text{m}}30.0^{\text{s}}$ $05^{\circ}14'59''$ (B1950)
 $04^{\text{h}}33^{\text{m}}09.5^{\text{s}}$ $05^{\circ}21'16''$ (J2000)
 ℓ : 190.37 b : -27.40

DATE: 1979/227 - 1979/227

NH: $1.1\text{E}+21$

LIVETIME: 831.1s

REF/ID:

ROLL ANGLE: -76.6°

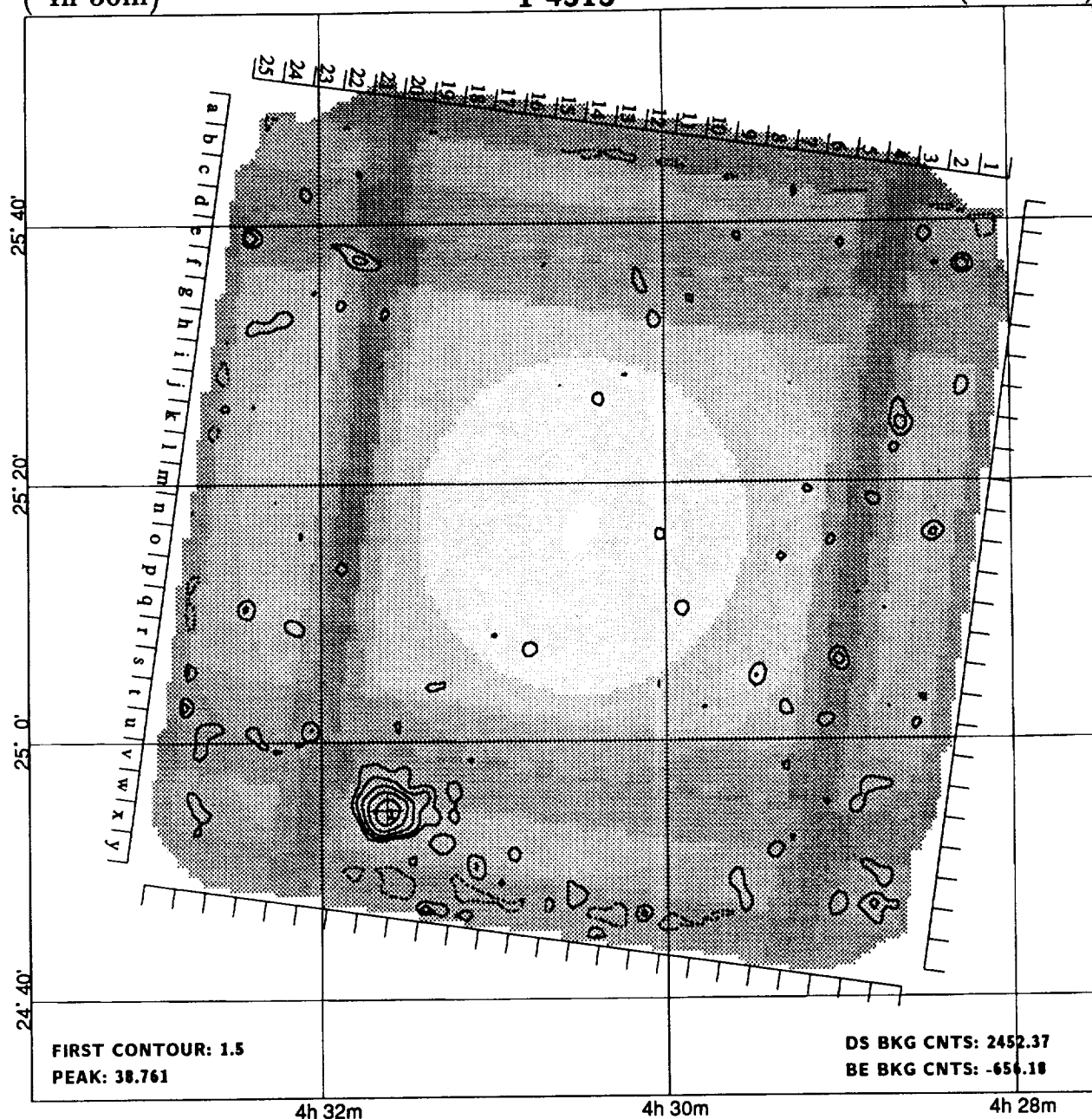
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1087	1L	04 30 32.5	05 15 06	31	0.671	0.038	415.4	23.6	17.6	1.2	0	0.6	A	SY

(4h 30m)

I 4515

(4h 30m)



T TAURI STARS: DL TAU

FIELD CENTER: 04^h30^m35.5^s 25°14'26" (B1950)
04^h33^m38.5^s 25°20'41" (J2000)
l: 173.44 b: -15.06

DATE: 1980/ 50 - 1980/ 50
LIVETIME: 1987.2s
ROLL ANGLE: 98.1°

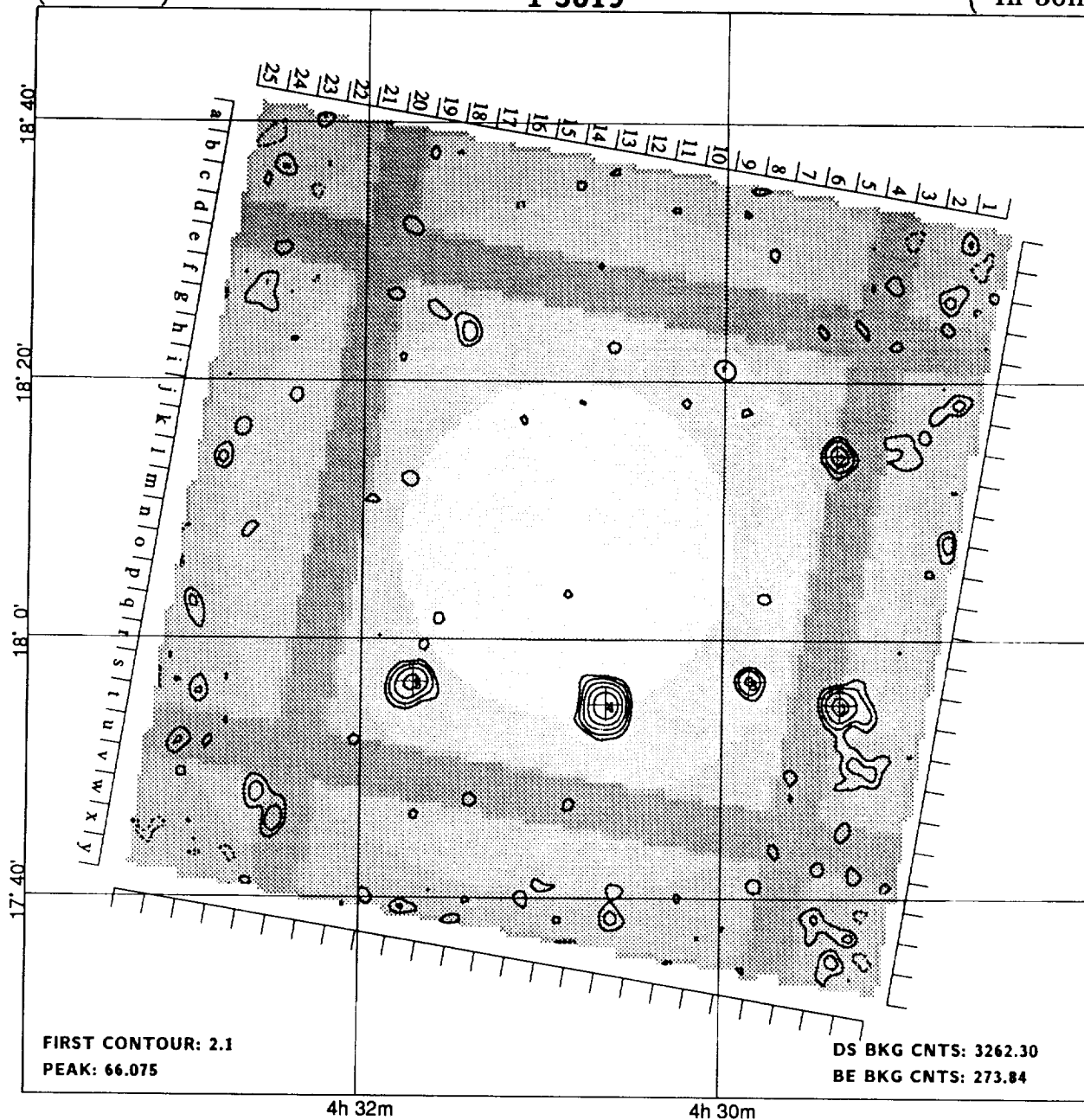
NH: 1.6E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1094	1	04 31 37.4	24 54 42	48	*0.114	0.012	92.4	2.6	9.5	1.4	602	23.9	H	

(4h 30m)

I 3819

(4h 30m)



T TAURI STARS: DM/HN TAU

FIELD CENTER: $04^h 30^m 54.0^s$ $18^\circ 06' 31''$ (B1950)
 $04^h 33^m 48.1^s$ $18^\circ 12' 45''$ (J2000)
 ℓ : 179.22 b : -19.59

DATE: 1980/ 46 - 1980/ 46
 LIVETIME: 2643.5s
 ROLL ANGLE: 99.5°

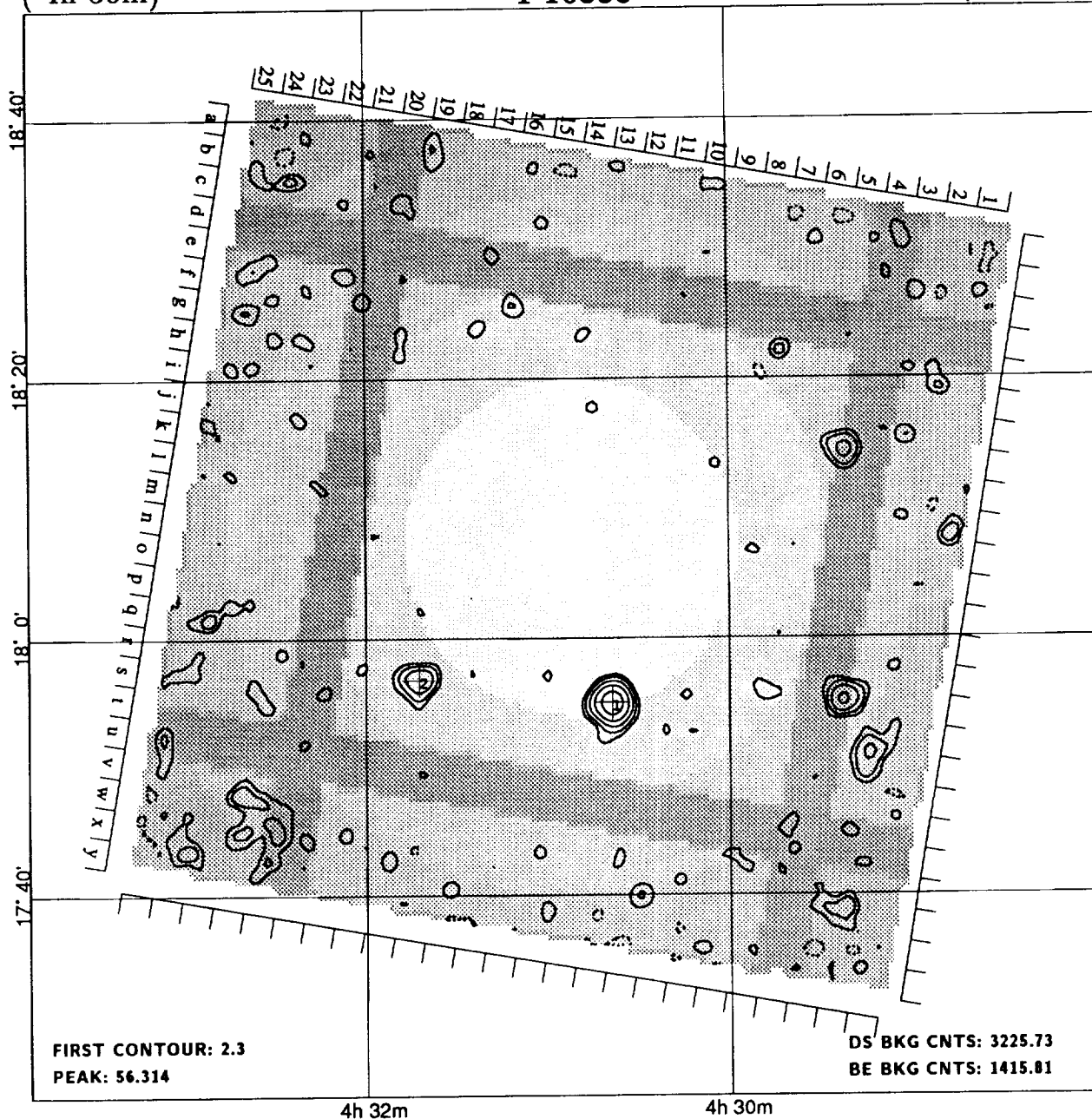
NH: 1.8E+21
 REF/ID: S
 FIELD FLAGS: C

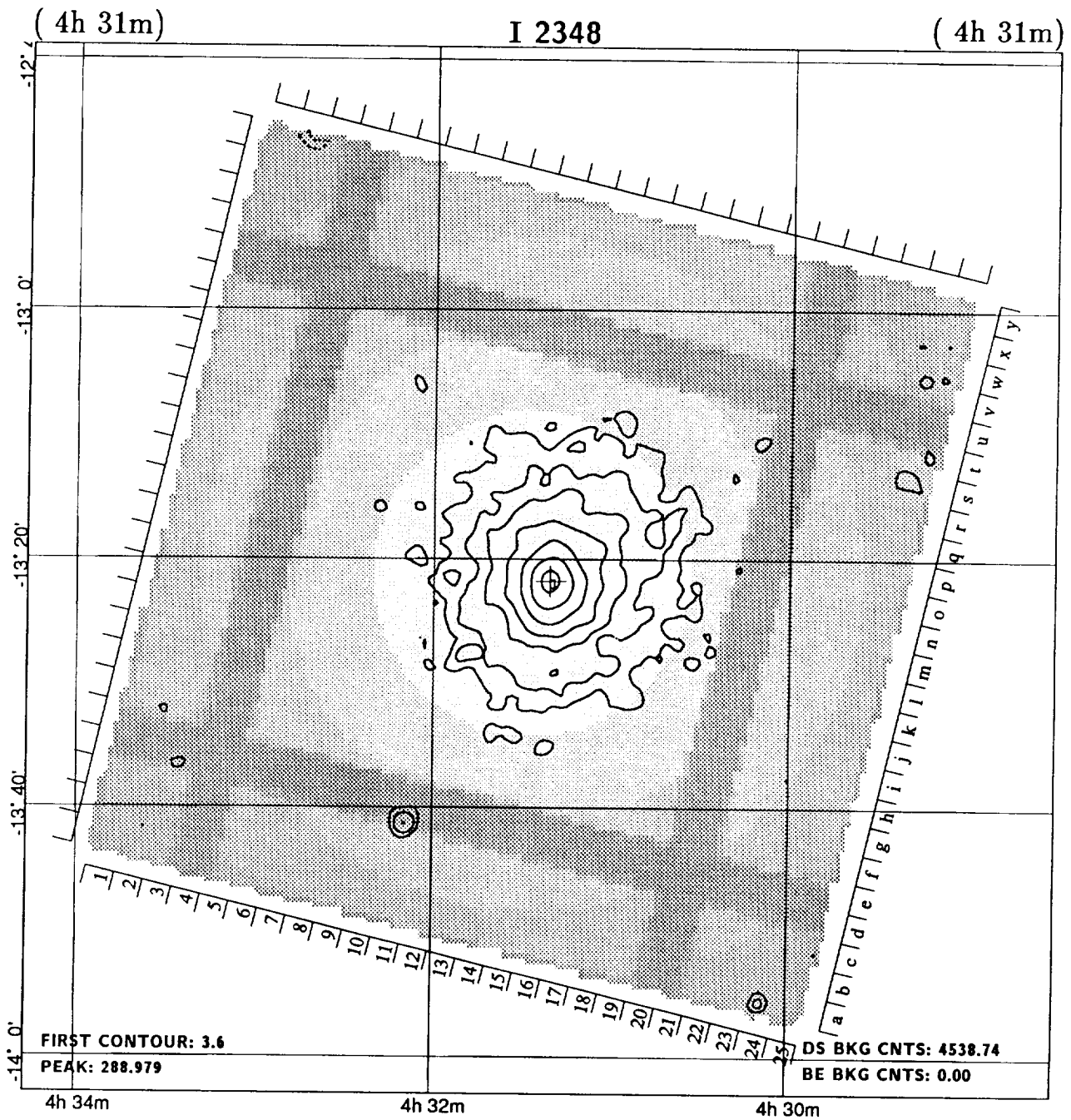
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1079	1	04 29 21.1	17 55 00	50	*0.0422	0.0064	48.7	5.3	6.6	1.4	906	24.9	AH	S
1078	2	04 29 22.7	18 14 20	51	*0.0210	0.0045	26.3	4.7	4.7	0.8	806	22.9	A	S
1082	3	04 29 51.1	17 56 45	51	0.0159	0.0037	23.1	5.9	4.3	0.7	0	17.9		
1089	4	04 30 38.5	17 55 00	38	0.1317	0.0090	220.3	8.7	14.6	1.1	0	11.9	AH	
1095	5	04 31 42.7	17 56 39	50	0.0396	0.0054	60.5	6.5	7.4	1.0	0	15.1	AH	

(4h 30m)

I 10538

(4h 30m)





4U0431-12=A496: SOUTHERN HEMISPHERE SURVEY

FIELD CENTER: $04^h 31^m 24.0^s$ $-13^\circ 20' 59''$ (B1950)
 $04^h 33^m 43.1^s$ $-13^\circ 14' 46''$ (J2000)
 $l: 209.58$ $b: -36.46$

DATE: 1979/227 - 1979/228
 LIVETIME: 3677.9s
 ROLL ANGLE: -76.5°

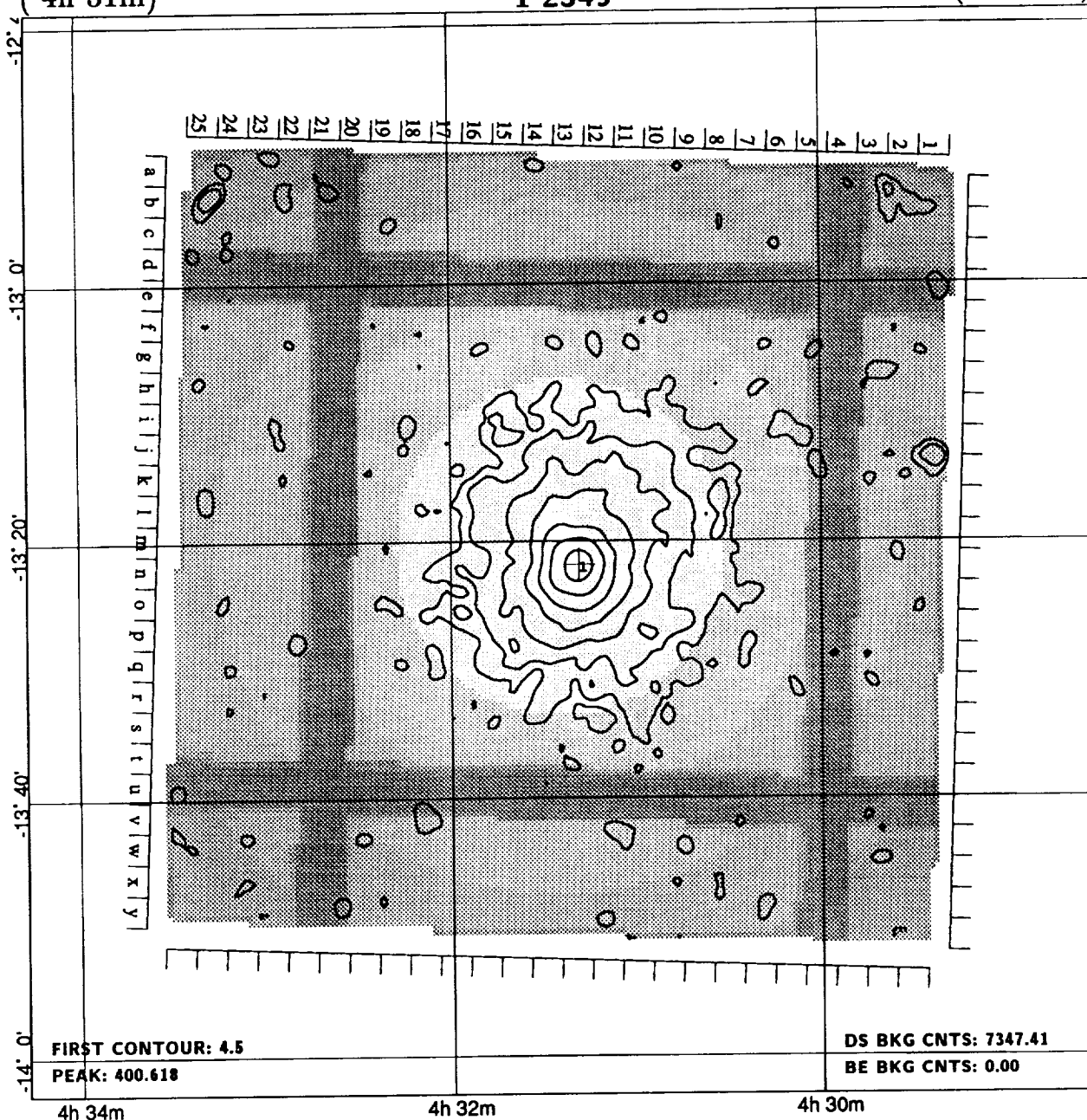
NH: $4.4E+20$
 REF/ID: CLG
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1092	1L	04 31 20.8	-13 21 46	31	0.296	0.017	805.5	597.5	17.6	4.5	0	1.1	A	CLG

(4h 31m)

I 2349

(4h 31m)



4U0431-12=A496: SOUTHERN HEMISPHERE SURVEY

FIELD CENTER: 04^h31^m24.0^s -13°20'59" (B1950)
04^h33^m43.1^s -13°14'46" (J2000)
ℓ: 209.58 b: -36.46

DATE: 1980/ 68 - 1980/ 68
LIVETIME: 5953.8s
ROLL ANGLE: 92.0°

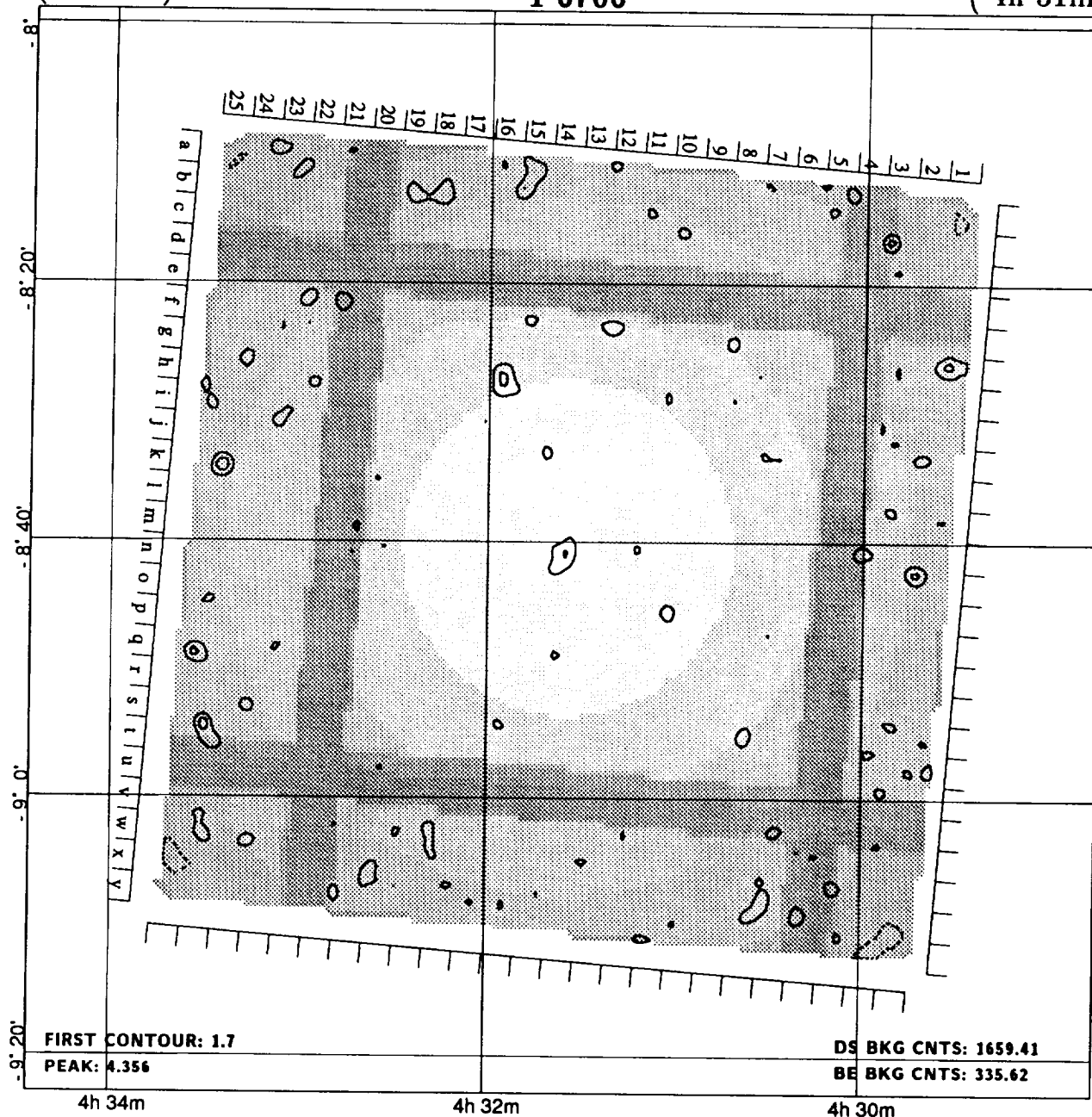
NH: 4.4E+20
REF/ID: CLG
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1092	1L	04 31 18.5	-13 21 48	31	0.236	0.013	1038.3	1003.7	18.6	4.7	0	1.6	A	CLG

(4h 31m)

I 6706

(4h 31m)



SEYFERT SURVEY: MKN 617

FIELD CENTER: $04^{\text{h}}31^{\text{m}}36.0^{\text{s}}$ $-08^{\circ}40'59''$ (B1950)
 $04^{\text{h}}34^{\text{m}}00.3^{\text{s}}$ $-08^{\circ}34'47''$ (J2000)
 $l: 204.45$ $b: -34.38$

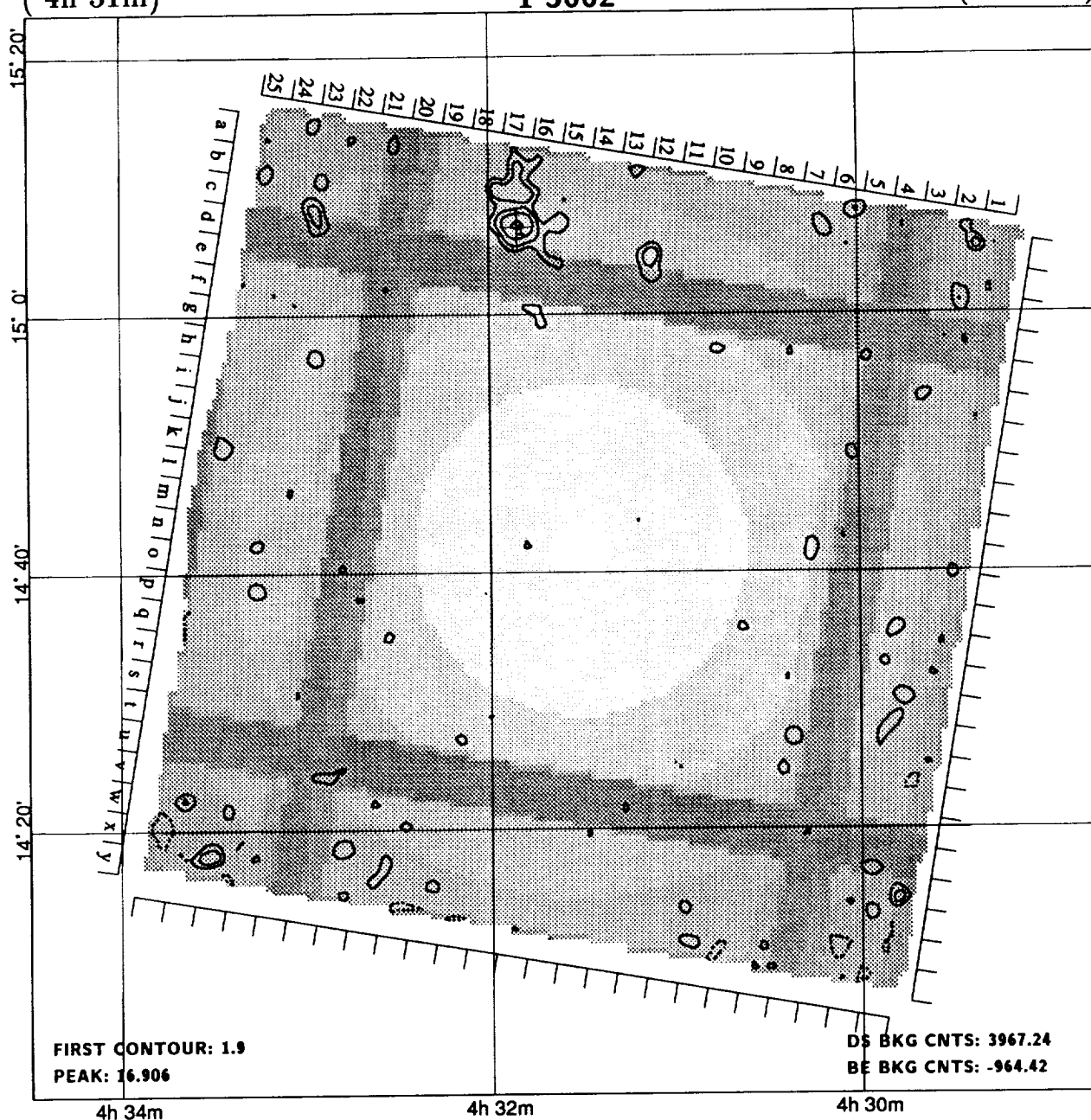
DATE: 1980/ 65 - 1980/ 65
 LIVETIME: 1344.7s
 ROLL ANGLE: 94.6°

NH: $6.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(4h 31m)

I 3662

(4h 31m)



FIELD CENTER: $04^h 31^m 36.0^s$ $14^\circ 41' 23''$ (B1950)
 $04^h 34^m 26.1^s$ $14^\circ 47' 35''$ (J2000)
 $l: 182.19$ $b: -21.58$

DATE: 1980/ 51 - 1980/ 51
 LIVETIME: 3214.8s
 ROLL ANGLE: 99.5°

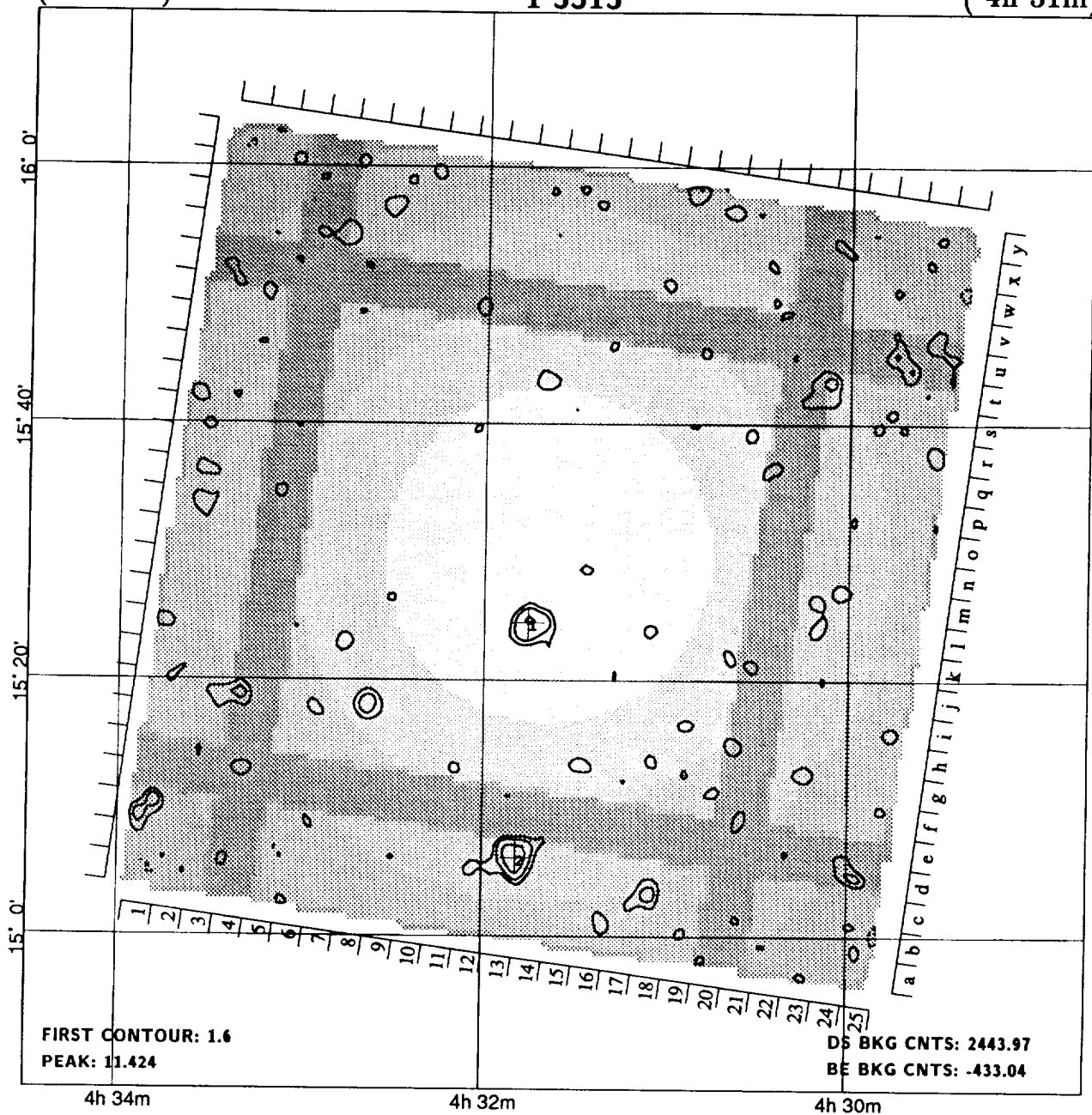
NH: $1.5E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1097	1	04 31 50.9	15 06 48	50	0.0280	0.0048	38.0	5.0	5.8	1.7	300	25.7	AH	*

(4h 31m)

I 3515

(4h 31m)



CENTRAL HYADES REGION

FIELD CENTER: $04^{\text{h}}31^{\text{m}}36.0^{\text{s}}$ $15^{\circ}29'59''$ (B1950)
 $04^{\text{h}}34^{\text{m}}27.0^{\text{s}}$ $15^{\circ}36'11''$ (J2000)
 $l: 181.50$ $b: -21.08$

DATE: 1979/252 - 1979/252
 LIVETIME: 1980.4s
 ROLL ANGLE: -82.3°

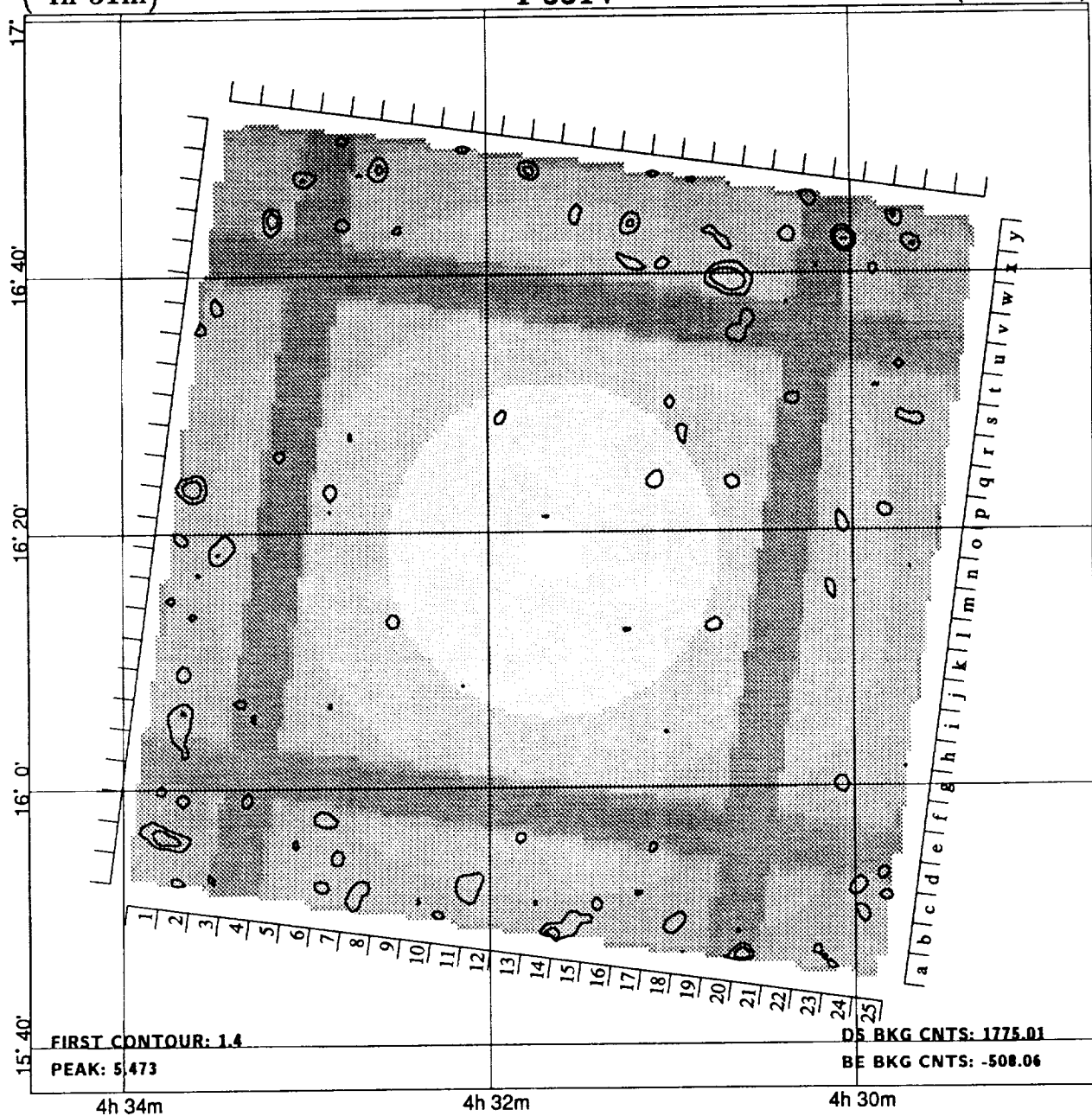
NH: $1.5\text{E}+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1096	1	04 31 45.5	15 24 27	42	0.0198	0.0040	27.7	4.3	4.9	1.1	0	5.5	H	S
1097	2	04 31 48.9	15 06 04	51	*0.0321	0.0063	28.9	3.1	5.1	1.1	601	24.1	AH	*

(4h 31m)

I 3514

(4h 31m)



FIELD CENTER: $04^{\text{h}}31^{\text{m}}36.0^{\text{s}}$ $16^{\circ}18'35''$ (B1950)
 $04^{\text{h}}34^{\text{m}}27.9^{\text{s}}$ $16^{\circ}24'47''$ (J2000)
 $l: 180.82$ $b: -20.58$

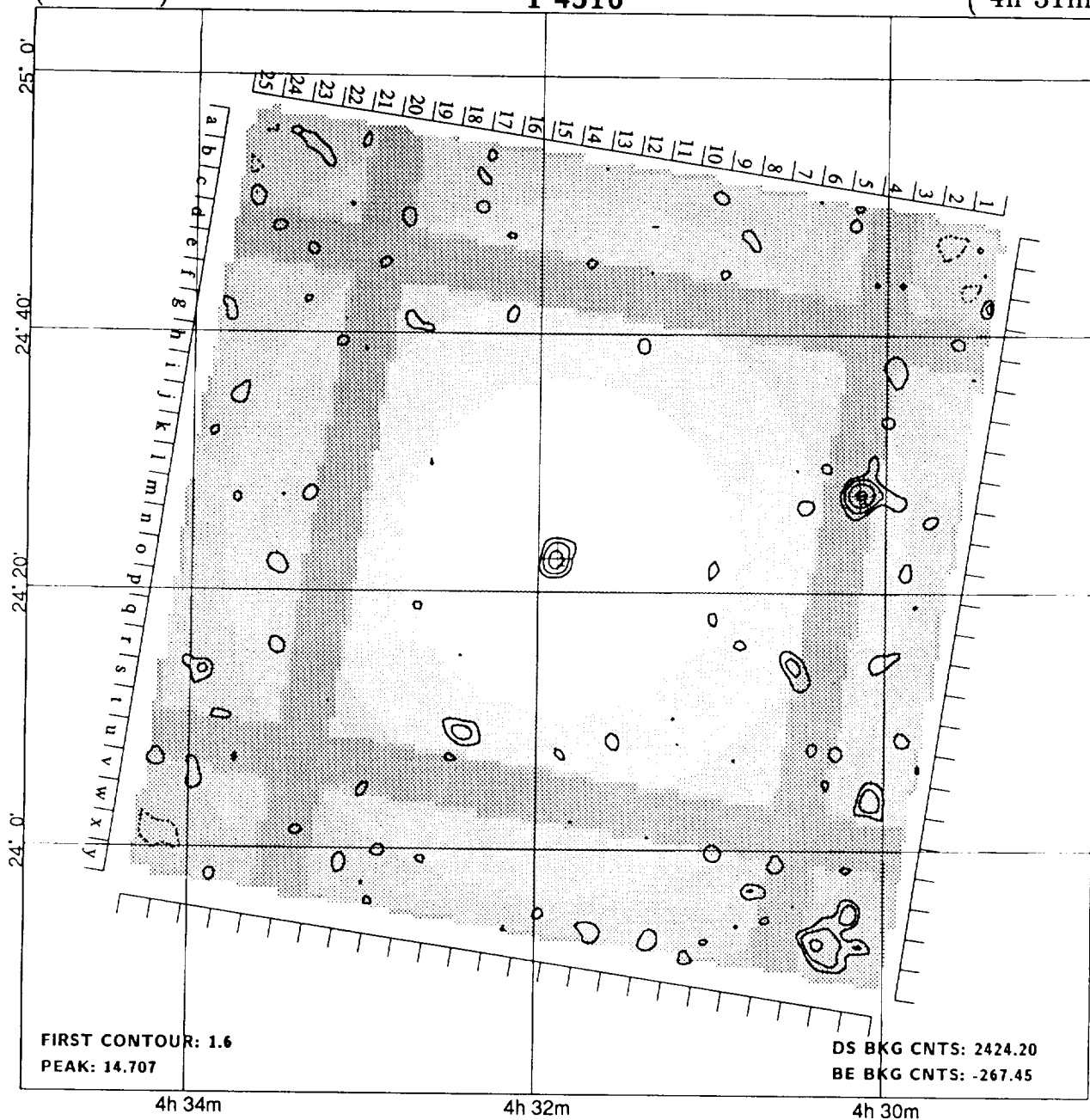
DATE: 1979/254 - 1979/254
 LIVETIME: 1438.3s
 ROLL ANGLE: -82.3°

NH: $1.6\text{E}+21$
 REF/ID: !
 FIELD FLAGS:

(4h 31m)

I 4516

(4h 31m)



T TAURI STARS: AA TAU

FIELD CENTER: $04^h 31^m 52.5^s$ $24^\circ 22' 50''$ (B1950)
 $04^h 34^m 54.4^s$ $24^\circ 29' 00''$ (J2000)
 $l: 174.32$ $b: -15.40$

DATE: 1980/ 64 - 1980/ 64
 LIVETIME: 1964.4s
 ROLL ANGLE: 98.7°

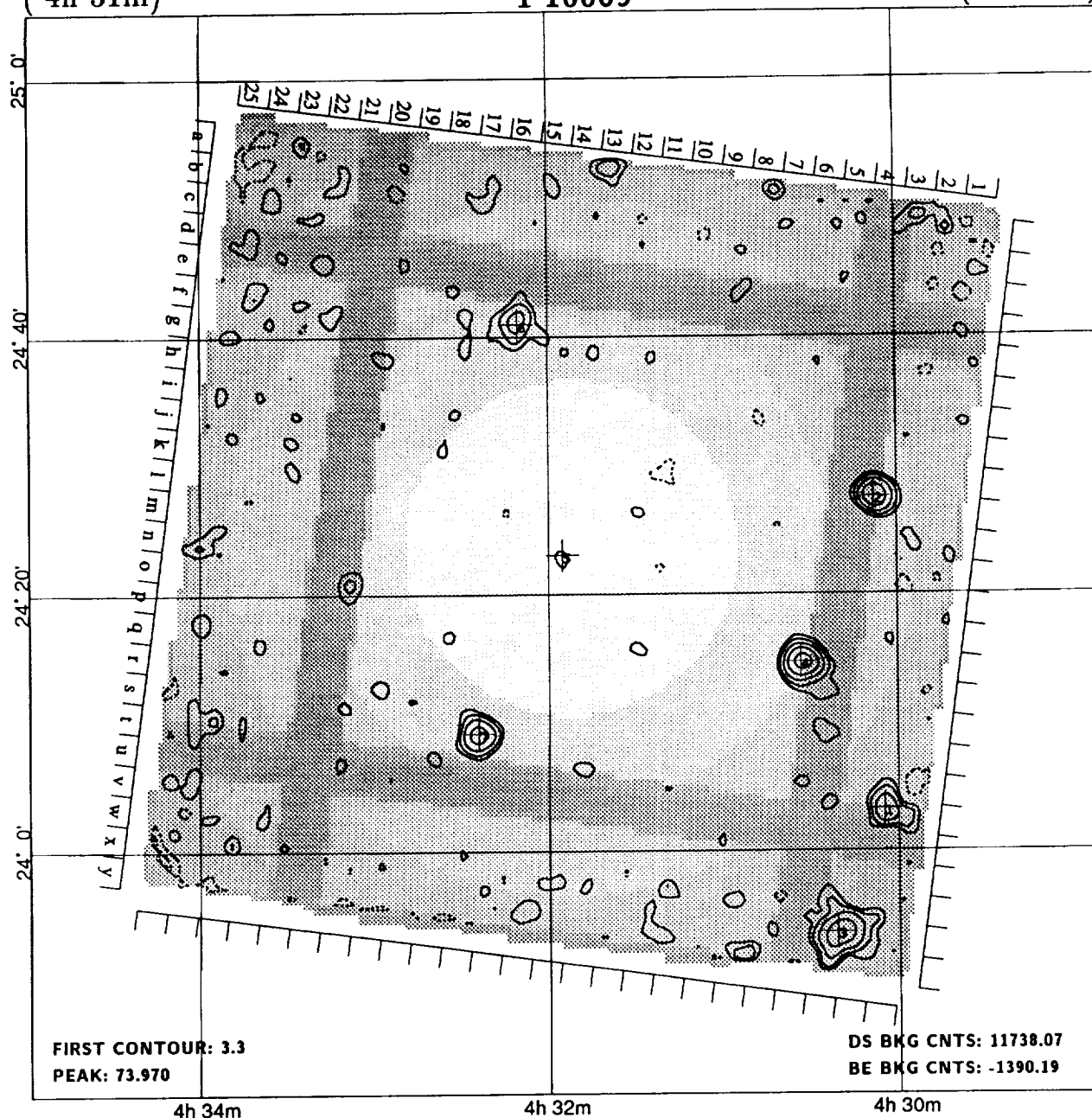
NH: $1.7E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1085	1	04 30 09.0	24 27 33	51	*0.0323	0.0063	29.0	3.0	5.1	1.0	1409	24.1	A	
1098	2	04 31 53.4	24 22 36	35	0.0231	0.0043	33.7	5.3	5.4	0.8	0	0.6	AH	

(4h 31m)

I 10069

(4h 31m)



Spectra of 3 T TAURI Stars: AA Tau

FIELD CENTER: $04^h 31^m 54.0^s$ $24^\circ 23' 09''$ (B1950)
 $04^h 34^m 55.9^s$ $24^\circ 29' 19''$ (J2000)
 $l: 174.32$ $b: -15.39$

DATE: 1981/ 38 - 1981/ 38
 LIVETIME: 9511.7s
 ROLL ANGLE: 97.5°

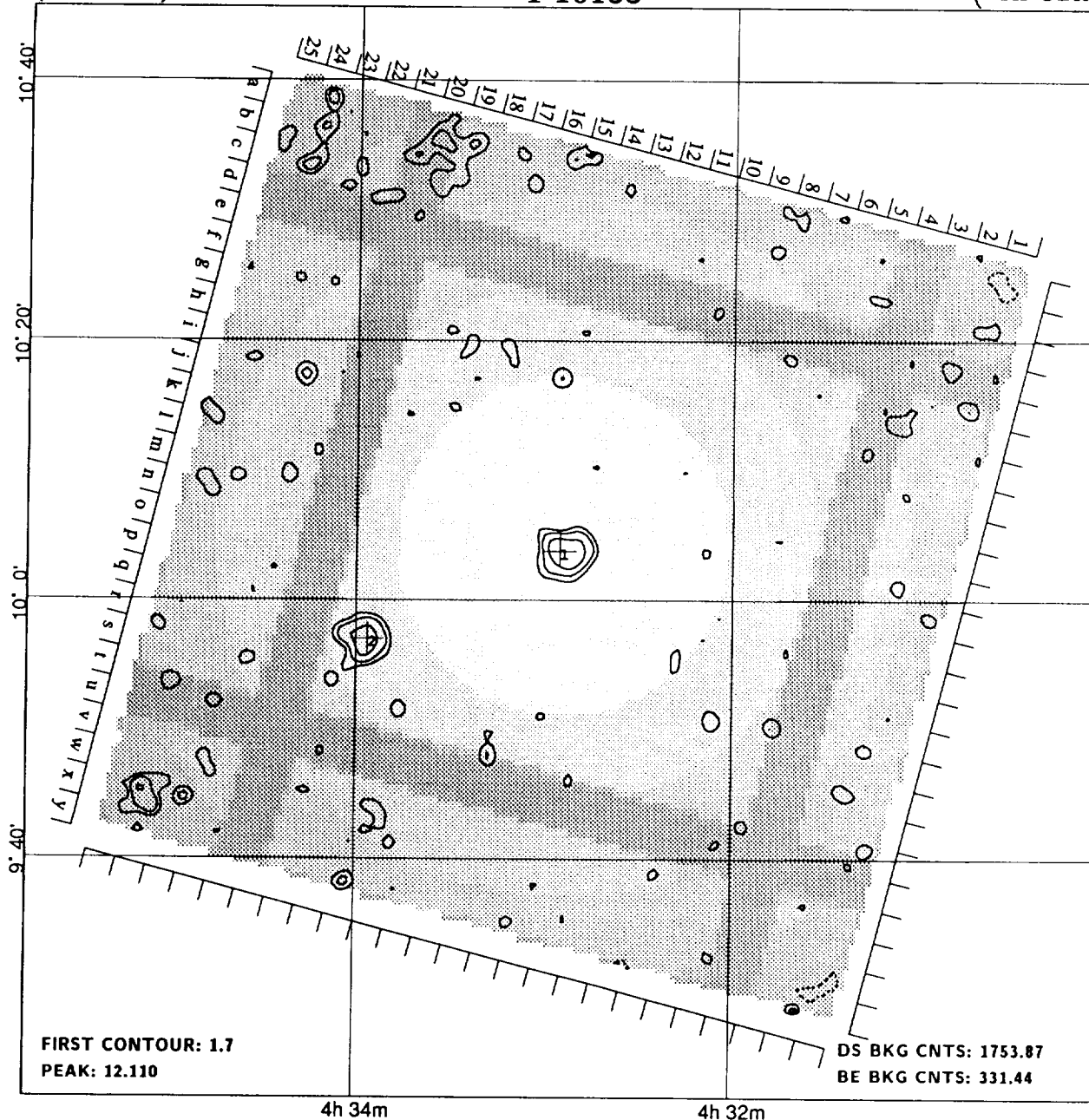
NH: $1.7E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1084	1	04 30 04.7	24 03 15	51	*0.0133	0.0024	40.8	15.2	5.5	1.1	803	31.7	H	
1085	2	04 30 08.0	24 27 32	48	*0.0250	0.0026	106.1	15.9	9.6	0.9	1006	24.5	AH	
1086	3	04 30 21.1	23 53 34	50	*0.0290	0.0039	67.9	15.1	7.5	1.5	603	36.1	H	
1088	4	04 30 33.3	24 14 44	47	*0.0377	0.0029	183.3	13.7	13.1	1.0	804	20.3	H	
1098	5L	04 31 55.2	24 23 02	43	0.0046	0.0011	32.6	14.4	3.9	0.0	0	0.2	A	
1099	6	04 32 10.5	24 40 59	50	0.0099	0.0016	51.0	18.0	6.1	1.1	500	18.4	H	
1100	7	04 32 24.2	24 09 11	48	0.0191	0.0021	103.8	21.2	9.3	0.9	0	15.6	H	

(4h 32m)

I 10135

(4h 32m)



88 TAU, VARIABILITY IN EARLY A STARS

FIELD CENTER: 04^h 32^m 54.0^s 10° 03' 34" (B1950)
04^h 35^m 38.8^s 10° 09' 41" (J2000)
ℓ: 186.40 b: -24.13

DATE: 1981/ 31 - 1981/ 31
LIVETIME: 1421.2s
ROLL ANGLE: 104.5°

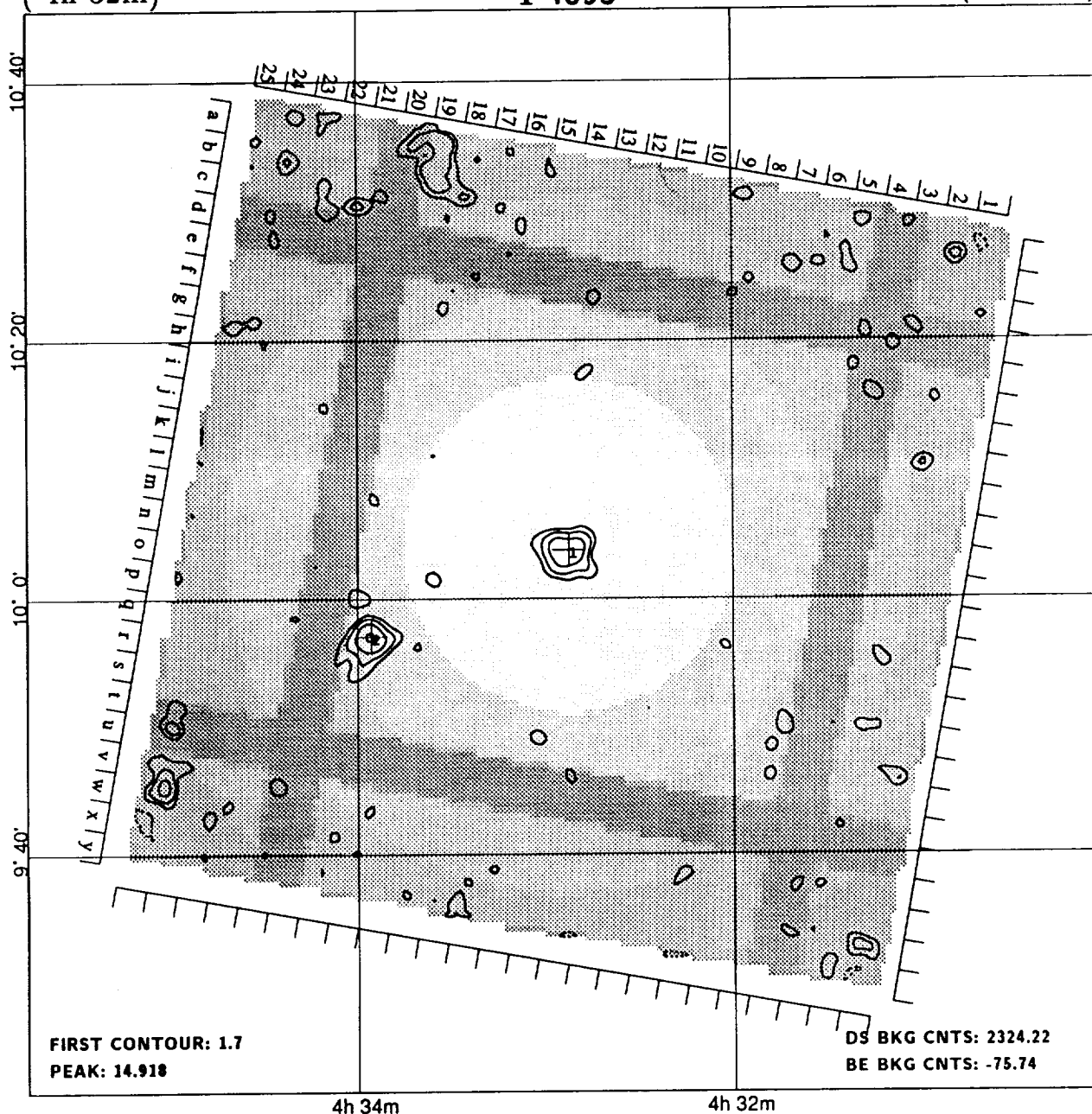
NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1102	1	04 32 55.0	10 03 48	35	0.0467	0.0070	49.5	5.5	6.7	1.3	0	0.2	AH	S
1104	2	04 33 56.4	09 56 59	51	0.0445	0.0079	35.4	4.6	5.6	1.3	0	17.1	AH	

(4h 32m)

I 4893

(4h 32m)



STAR 88 TAU (HD 29140), AP STARS A

FIELD CENTER: $04^h 32^m 54.2^s$ $10^\circ 03' 35''$ (B1950)
 $04^h 35^m 39.0^s$ $10^\circ 09' 42''$ (J2000)
 $l: 186.40$ $b: -24.13$

DATE: 1980/ 51 - 1980/ 51
 LIVETIME: 1883.4s
 ROLL ANGLE: 100.1°

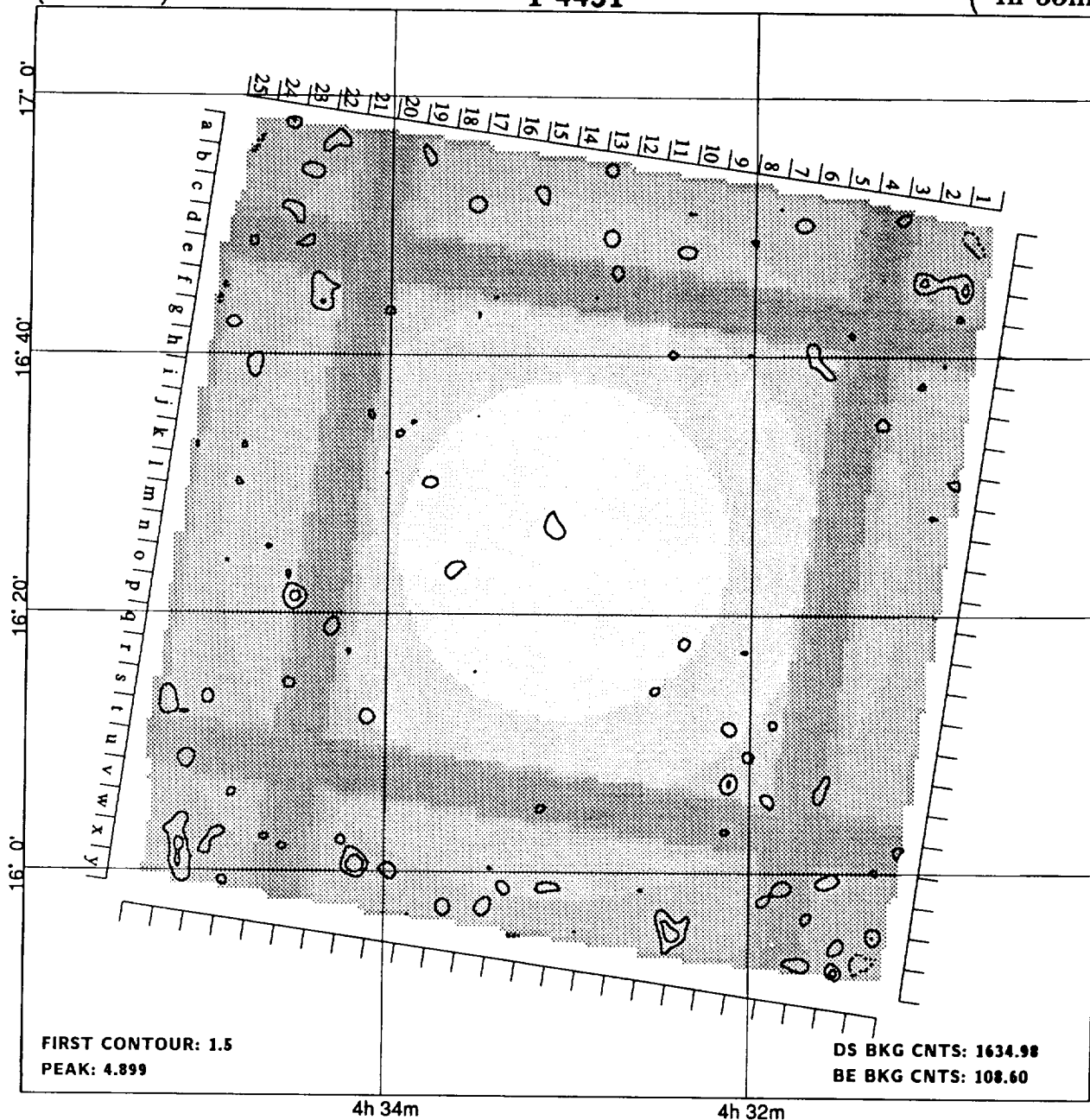
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1102	1	04 32 52.5	10 03 45	35	0.0425	0.0057	59.7	5.3	7.4	1.3	0	0.4	AH	S
1104	2	04 33 55.6	09 57 07	50	0.0422	0.0067	44.3	4.7	6.3	1.2	300	16.7	AH	

(4h 33m)

I 4451

(4h 33m)



ALPHA TAU, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

FIELD CENTER: $04^{\text{h}}33^{\text{m}}03.0^{\text{s}}$ $16^{\circ}24'36''$ (B1950)
 $04^{\text{h}}35^{\text{m}}55.1^{\text{s}}$ $16^{\circ}30'42''$ (J2000)
 $l: 180.97$ $b: -20.25$

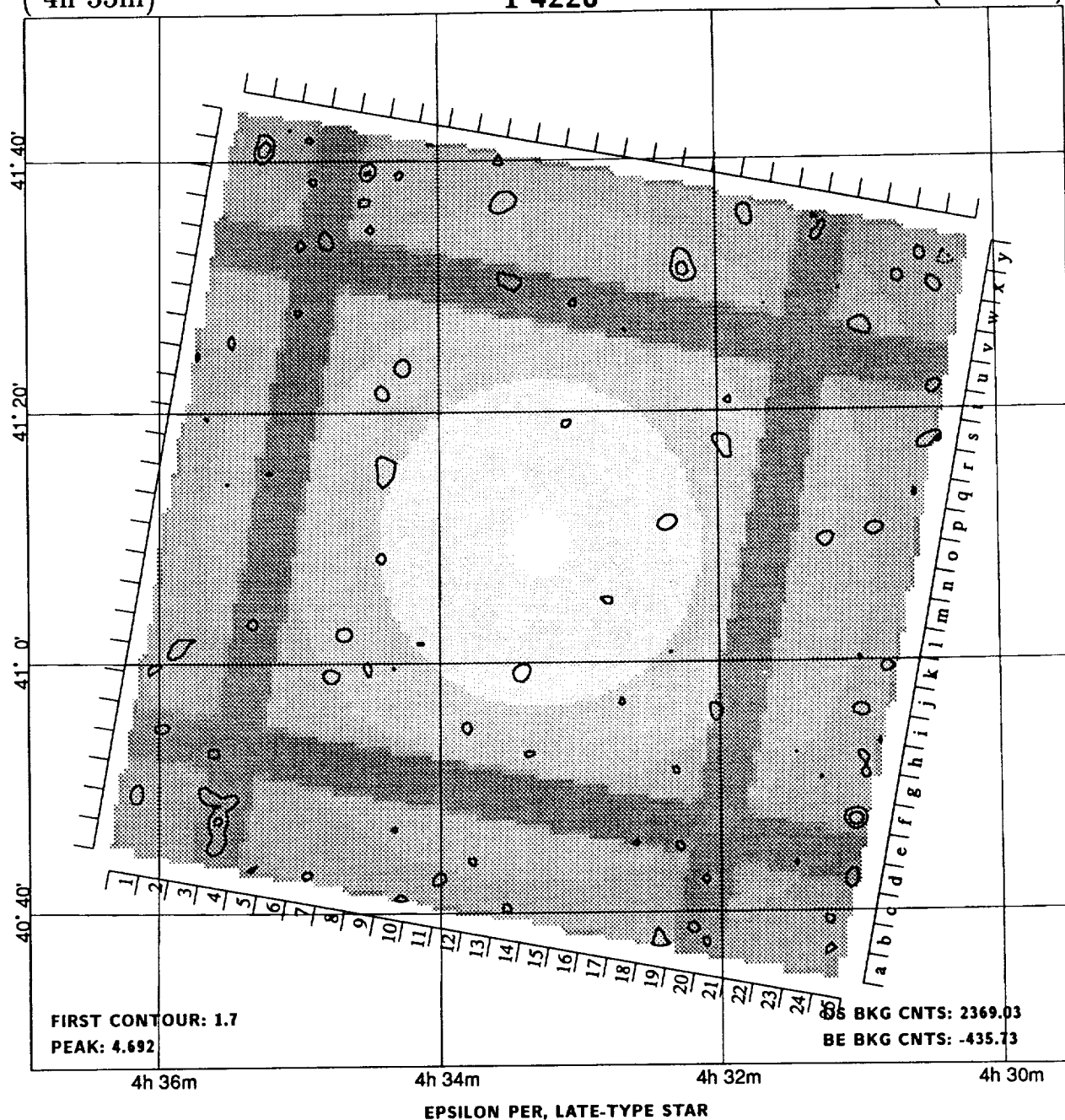
DATE: 1980/ 62 - 1980/ 62
 LIVETIME: 1324.9s
 ROLL ANGLE: 98.1°

NH: $1.6\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(4h 33m)

I 4228

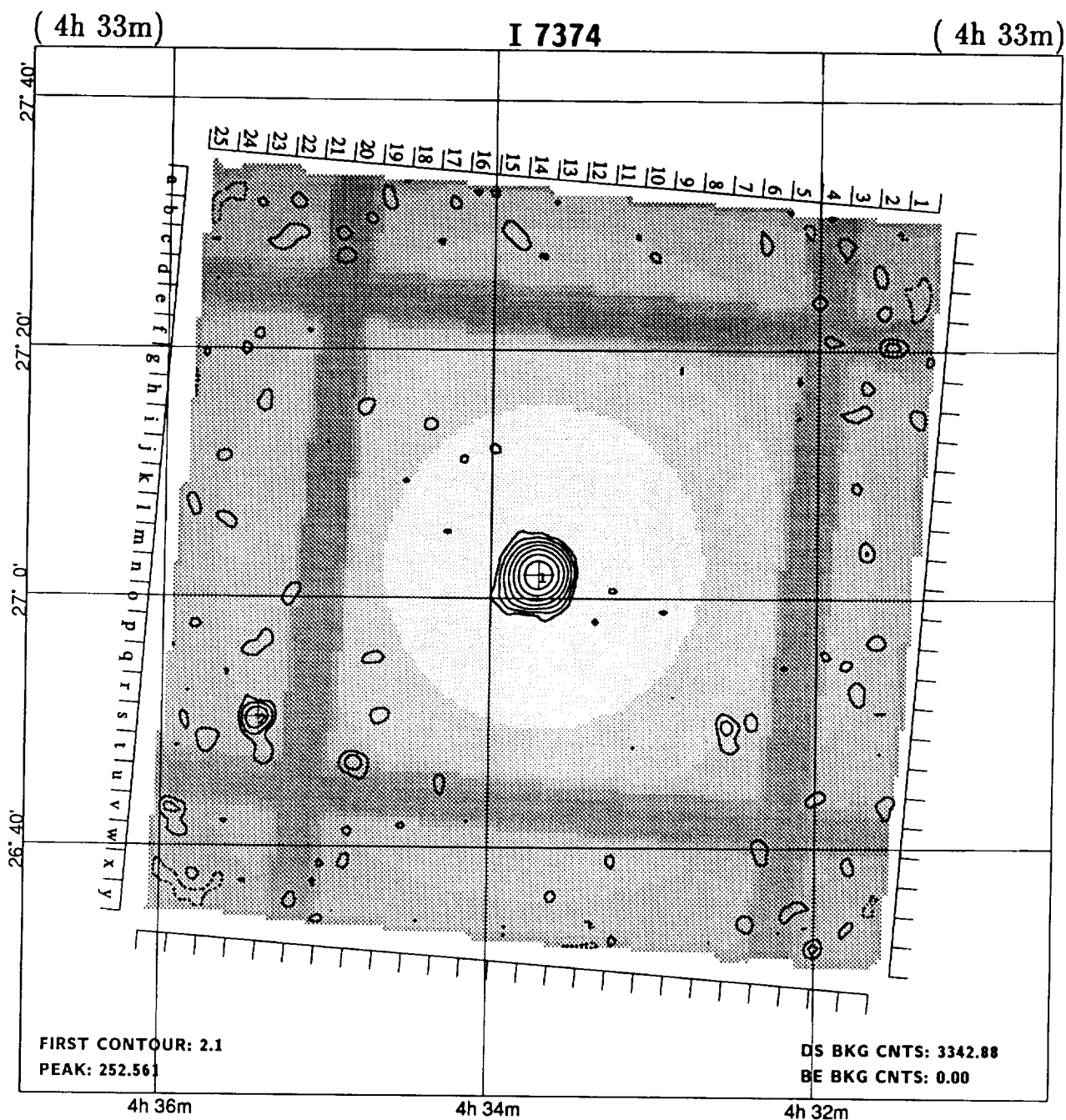
(4h 33m)



FIELD CENTER: $04^{\text{h}}33^{\text{m}}13.0^{\text{s}}$ $41^{\circ}09'49''$ (B1950)
 $04^{\text{h}}36^{\text{m}}41.3^{\text{s}}$ $41^{\circ}15'53''$ (J2000)
 $l: 161.76$ $b: -4.03$

DATE: 1979/253 - 1979/253
 LIVETIME: 1919.7s
 ROLL ANGLE: -79.7°

NH: $3.8\text{E}+21$
 REF/ID:
 FIELD FLAGS:



SAO 076672, K2 STAR (MISPOINT)

FIELD CENTER: $04^{\text{h}}33^{\text{m}}42.0^{\text{s}}$ $27^{\circ}01'59''$ (B1950)
 $04^{\text{h}}36^{\text{m}}47.6^{\text{s}}$ $27^{\circ}08'02''$ (J2000)
 $l: 172.51$ $b: -13.36$

DATE: 1981/ 39 - 1981/ 39
 LIVETIME: 2708.8s
 ROLL ANGLE: 94.4°

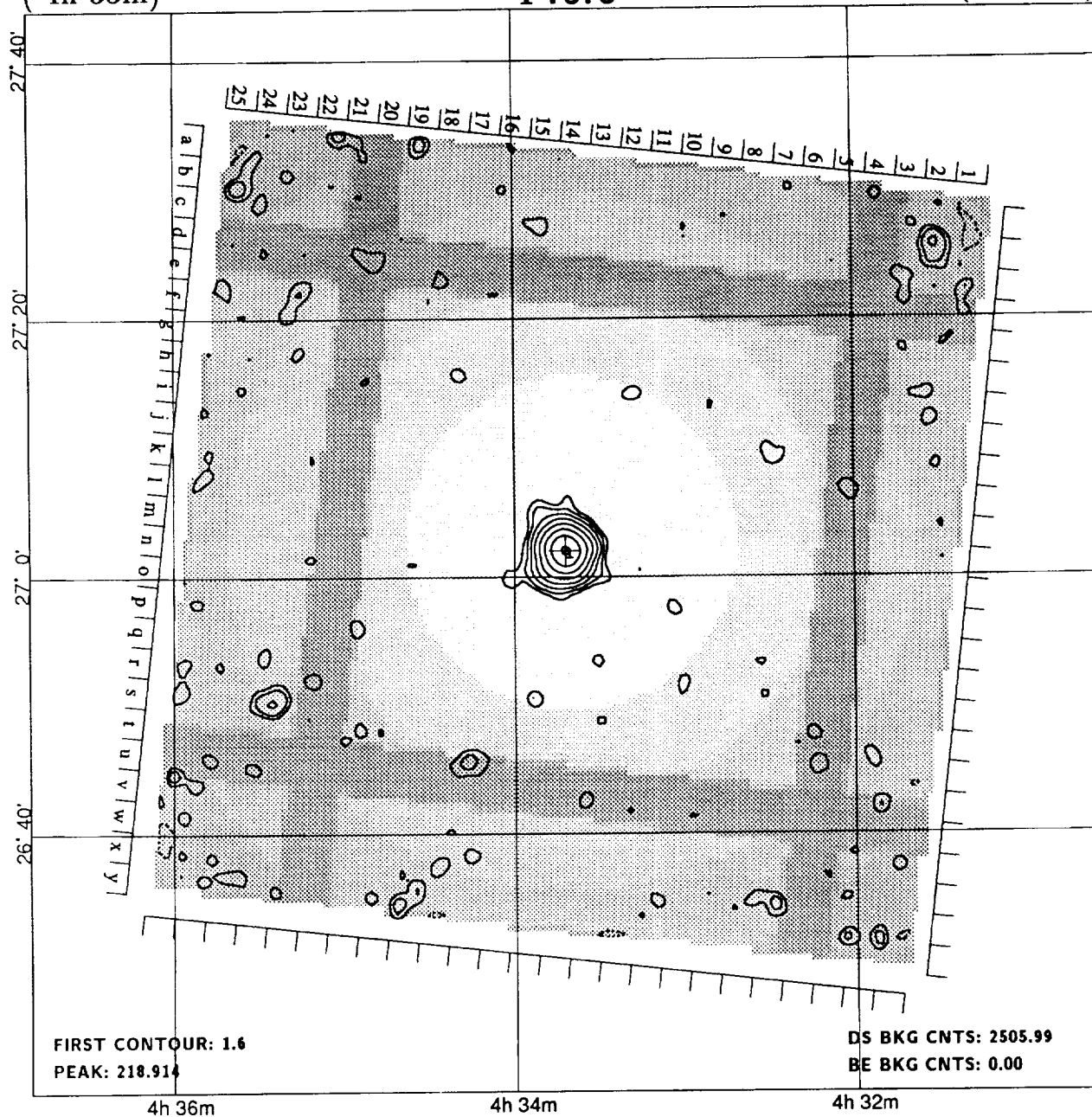
NH: $1.8\text{E}+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1103	1L	04 33 42.4	27 01 54	31	0.488	0.019	983.8	165.2	25.3	1.3	0	0.1	A
1106	2L	04 35 24.7	26 50 24	51	0.0266	0.0060	29.4	4.6	4.3	1.0	0	25.6	

(4h 33m)

I 7375

(4h 33m)



SAO 076672, K2 STAR (MISPOINT)

FIELD CENTER: $04^h 33^m 42.0^s$ $27^\circ 01' 59''$ (B1950)
 $04^h 36^m 47.6^s$ $27^\circ 08' 02''$ (J2000)
 $l: 172.51$ $b: -13.36$

DATE: 1981/ 38 - 1981/ 38
 LIVETIME: 2030.7s
 ROLL ANGLE: 96.3°

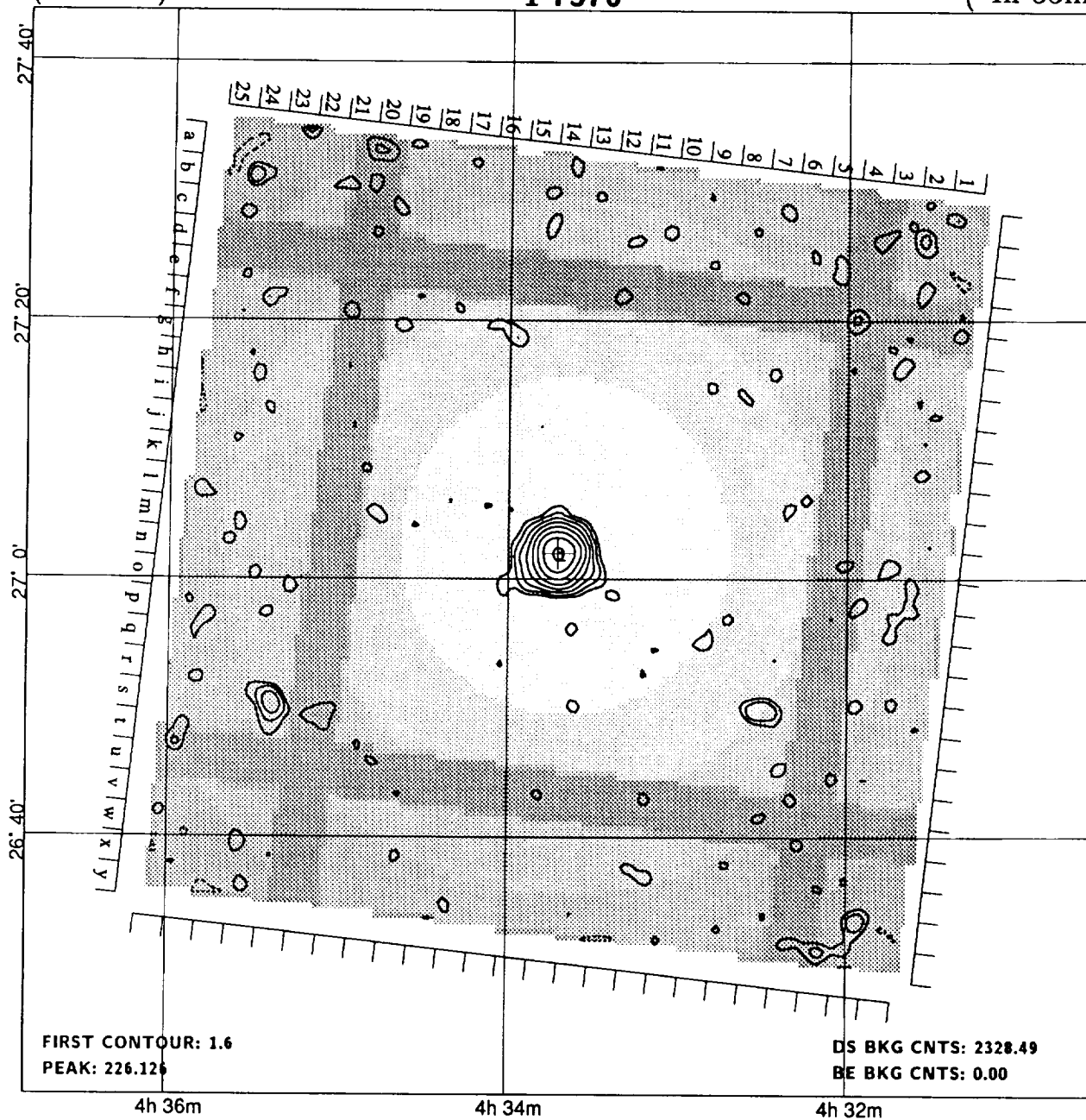
NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1103	1L	04 33 42.0	27 02 00	31	0.524	0.023	792.5	148.5	22.4	1.3	0	0.0	A

(4h 33m)

I 7376

(4h 33m)



FIELD CENTER: $04^h 33^m 42.0^s$ $27^\circ 01' 59''$ (B1950)
 $04^h 36^m 47.6^s$ $27^\circ 08' 02''$ (J2000)
 ℓ : 172.51 b : -13.36

DATE: 1981/ 38 - 1981/ 38
 LIVETIME: 1886.8s
 ROLL ANGLE: 96.3°

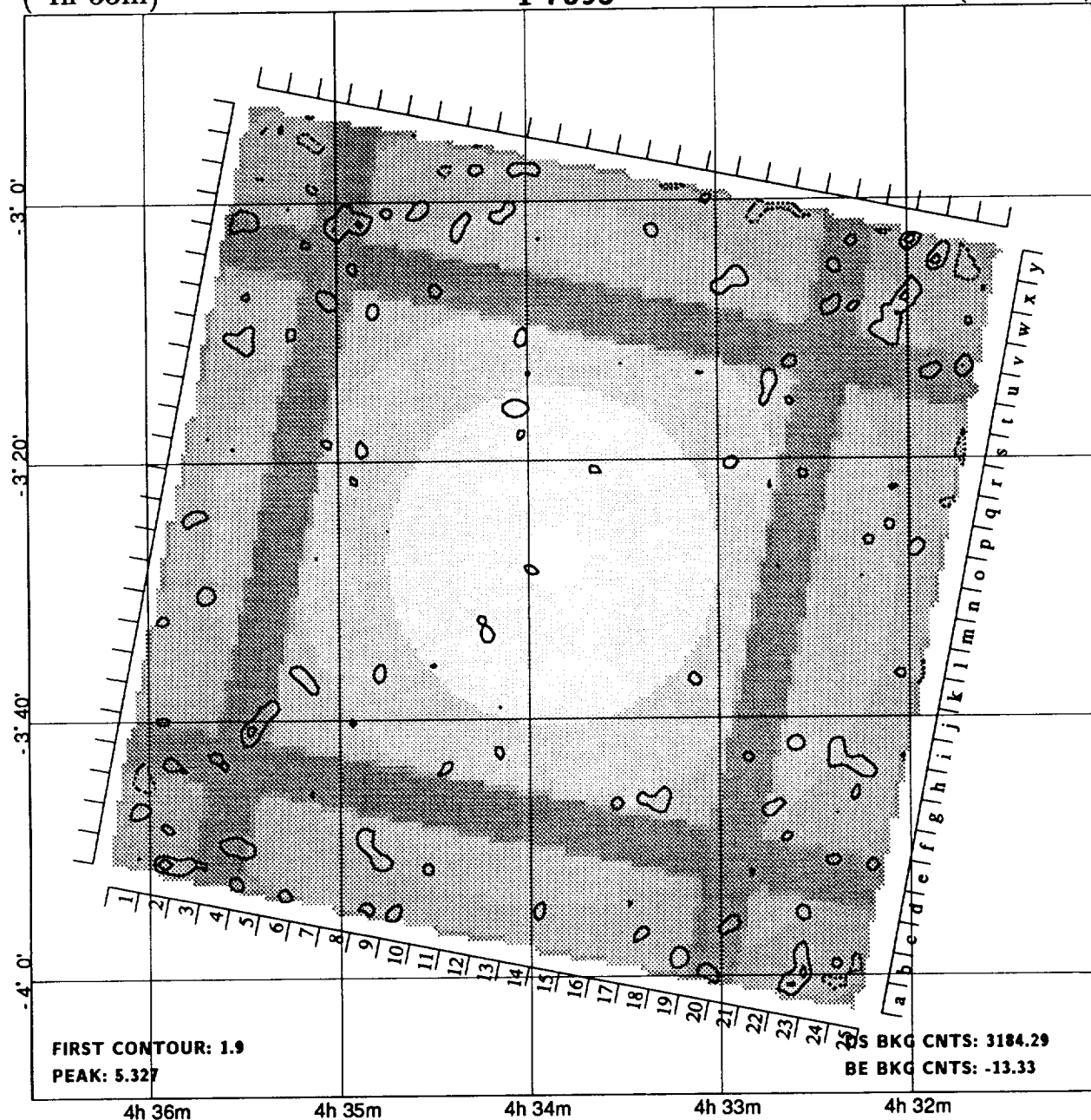
NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1103	1L	04 33 42.4	27 02 01	31	0.645	0.027	906.4	158.6	24.2	1.3	0	0.1	A

(4h 33m)

I 7895

(4h 33m)

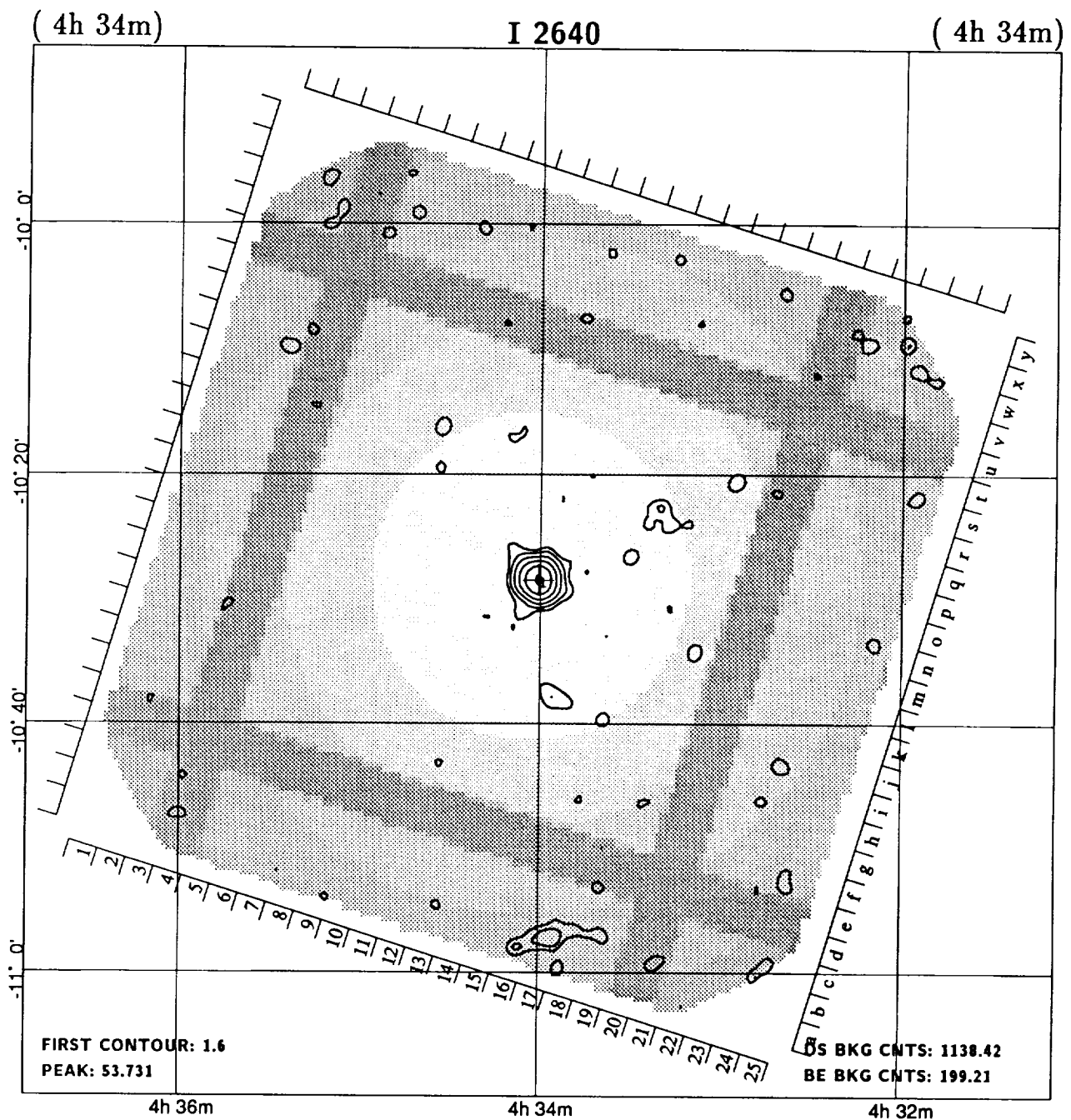


NU ERI, BETA CEPHEI STARS

FIELD CENTER: $04^{\text{h}}33^{\text{m}}49.1^{\text{s}}$ $-03^{\circ}27'11''$ (B1950)
 $04^{\text{h}}36^{\text{m}}19.1^{\text{s}}$ $-03^{\circ}21'08''$ (J2000)
 l : 199.31 b : -31.38

DATE: 1980/237 - 1980/237
LIVETIME: 2580.3s
ROLL ANGLE: -78.9°

NH: $4.5\text{E}+20$
REF/ID:
FIELD FLAGS:



SEYFERT GALAXY SURVEY: MKN 618

FIELD CENTER: $04^{\text{h}}34^{\text{m}}00.0^{\text{s}}$ $-10^{\circ}27'59''$ (B1950)
 $04^{\text{h}}36^{\text{m}}22.3^{\text{s}}$ $-10^{\circ}21'57''$ (J2000)
 $l: 206.71$ $b: -34.66$

DATE: 1979/226 - 1979/226
 LIVETIME: 922.5s
 ROLL ANGLE: -72.9°

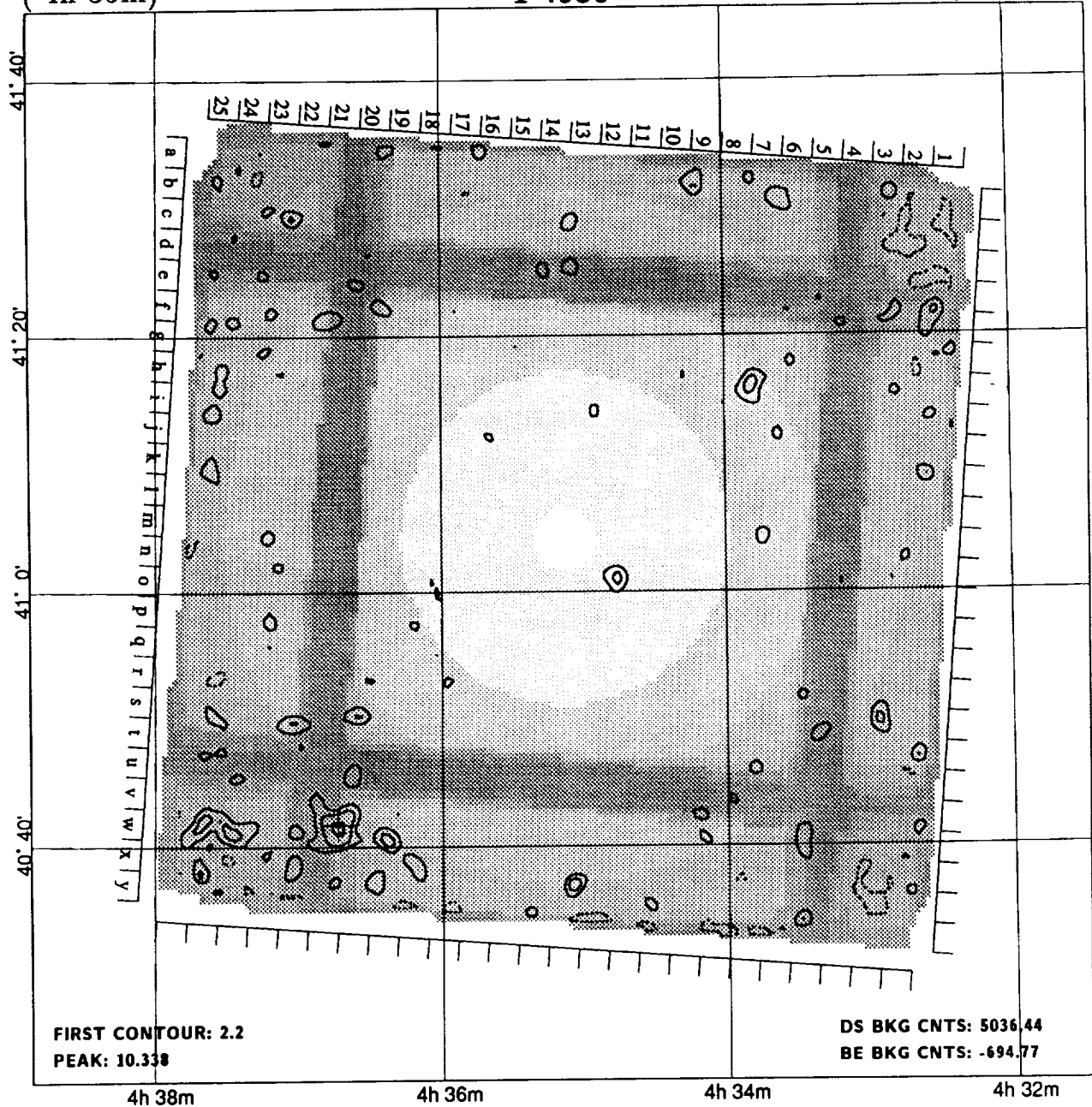
NH: $6.4\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1105	1	04 34 00.6	-10 28 30	31	0.327	0.022	224.4	3.6	14.9	1.2	0	0.4	H	SY

(4h 35m)

I 4930

(4h 35m)



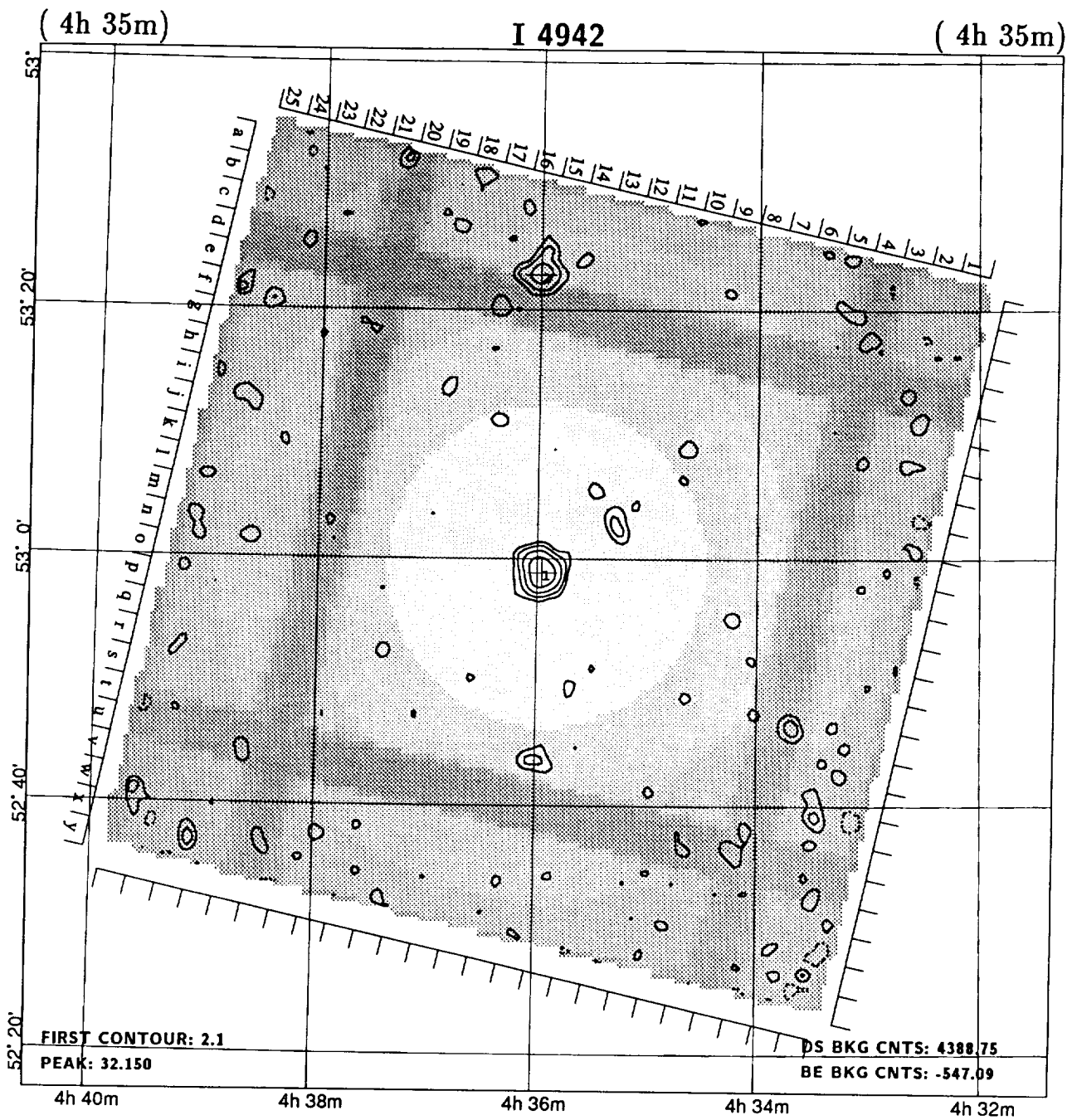
EG315: CORONAL EMISSION FROM HE-RICH WHITE DWARFS

FIELD CENTER: 04^h35^m10.0^s 41°03'41" (B1950)
04^h38^m38.2^s 41°09'37" (J2000)
 l : 162.08 b : -3.83

DATE: 1980/ 52 - 1980/ 53
LIVETIME: 4081.2s
ROLL ANGLE: 94.2°

NH: 3.8E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1111	1	04 36 43.9	40 41 41	55	*0.0151	0.0035	22.7	5.3	4.3	1.3	1209	27.8	H



FIELD CENTER: $04^h 35^m 57.8^s$ $52^\circ 58' 58''$ (B1950)
 $04^h 39^m 54.7^s$ $53^\circ 04' 49''$ (J2000)
 $l: 153.32$ $b: 4.26$

DATE: 1980/ 72 - 1980/ 72
 LIVETIME: 3684.0s
 ROLL ANGLE: 102.7°

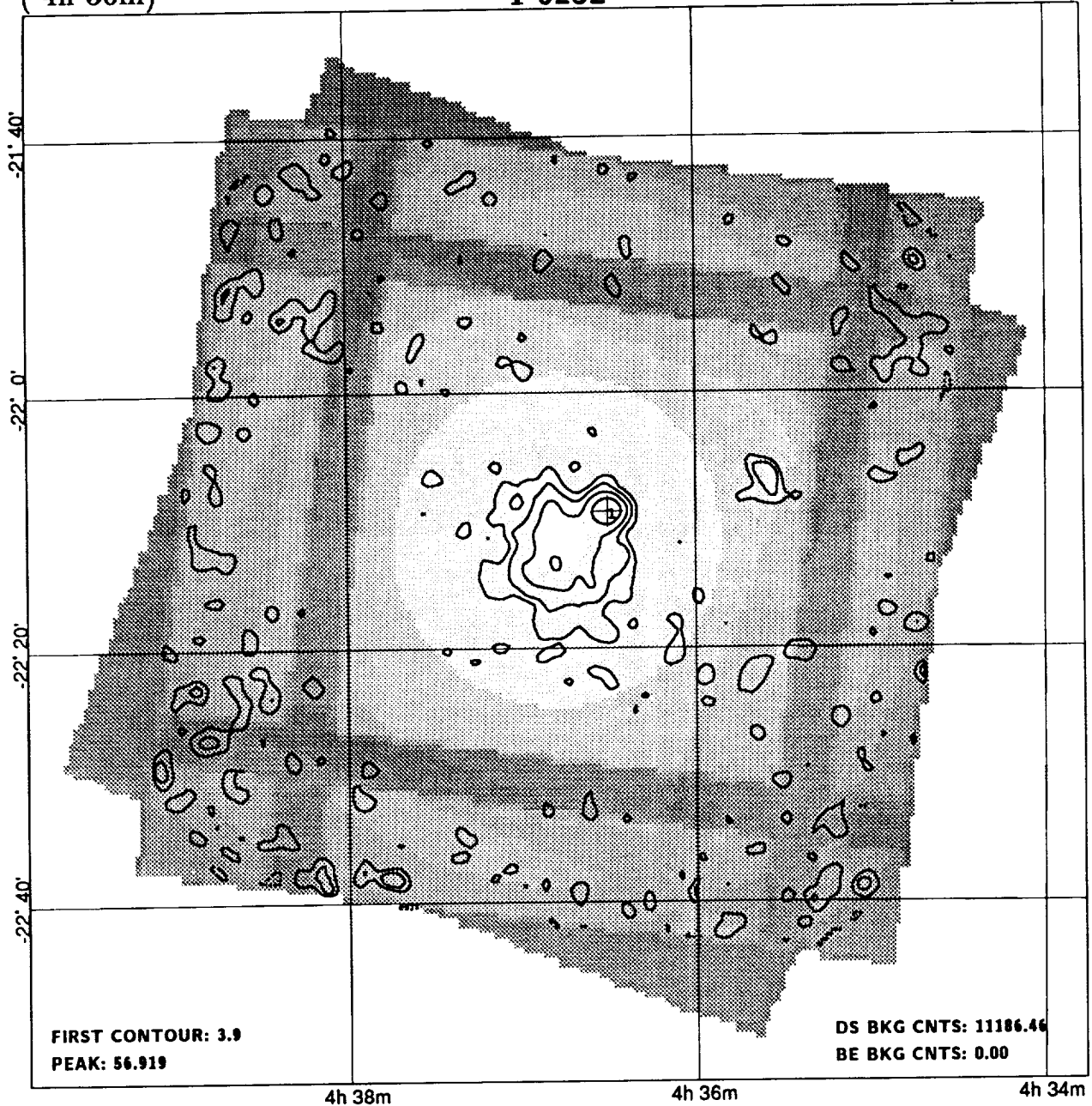
NH: $4.5E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1107	1	04 35 57.4	52 58 53	31	0.0531	0.0045	145.7	9.3	11.7	1.2	0	0.2	H	
1108	2	04 36 00.3	53 22 49	51	*0.0187	0.0036	31.5	5.5	5.2	1.1	804	23.9	H	S

(4h 36m)

I 6232

(4h 36m)



A 500, COMPLETE SURVEY OF ABELL CLUSTERS

FIELD CENTER: $04^{\text{h}}36^{\text{m}}48.0^{\text{s}}$ $-22^{\circ}11'59''$ (B1950)
 $04^{\text{h}}38^{\text{m}}56.2^{\text{s}}$ $-22^{\circ}06'08''$ (J2000)
 $l: 220.57$ $b: -38.48$

DATE: 1980/224 - 1981/ 58
 LIVETIME: 9064.7s

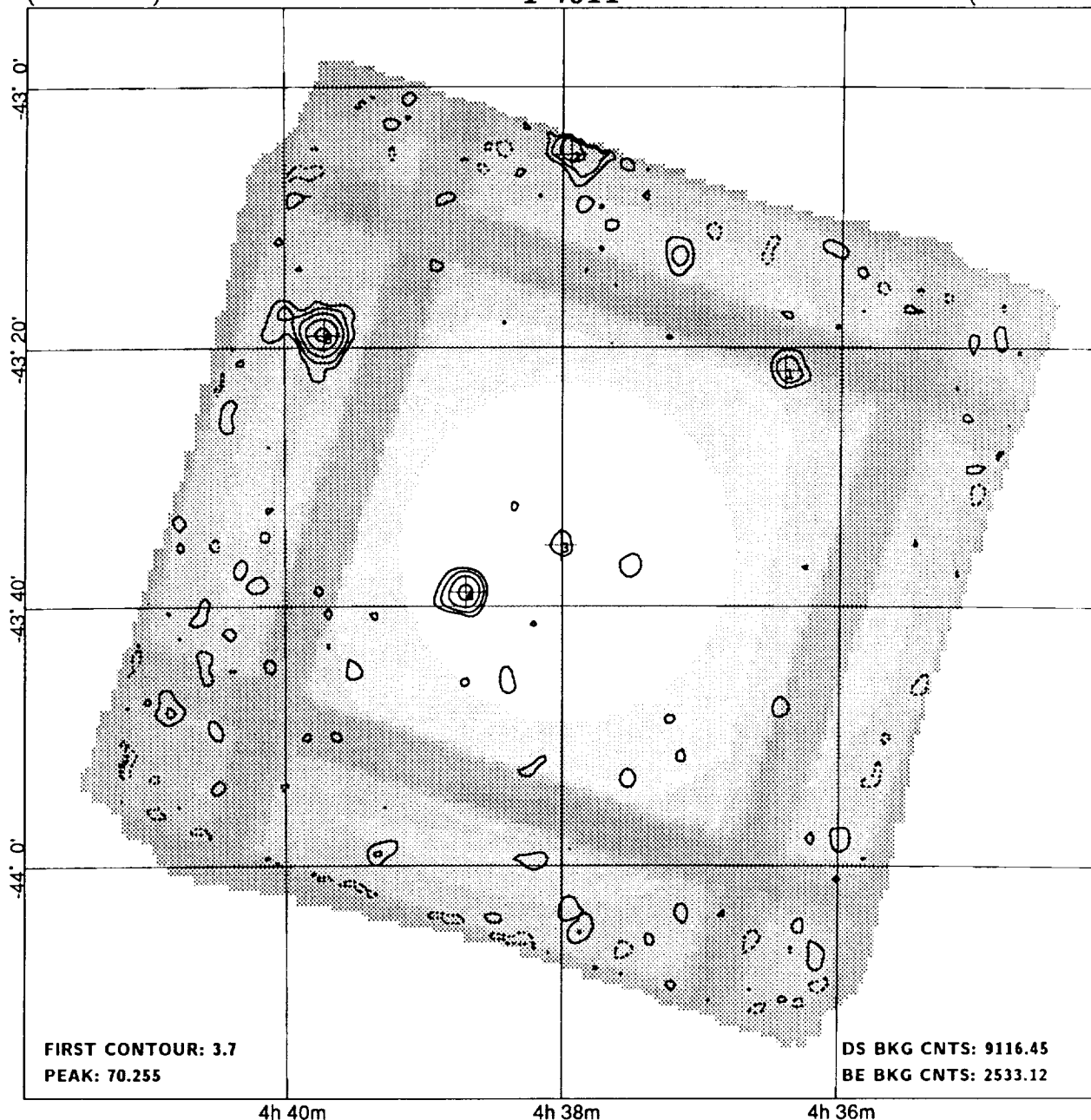
NH: $2.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1110	1L	04 36 30.4	-22 09 18	31	0.0301	0.0029	196.3	69.7	10.1	5.5	0	4.9		

(4h 38m)

I 4011

(4h 38m)



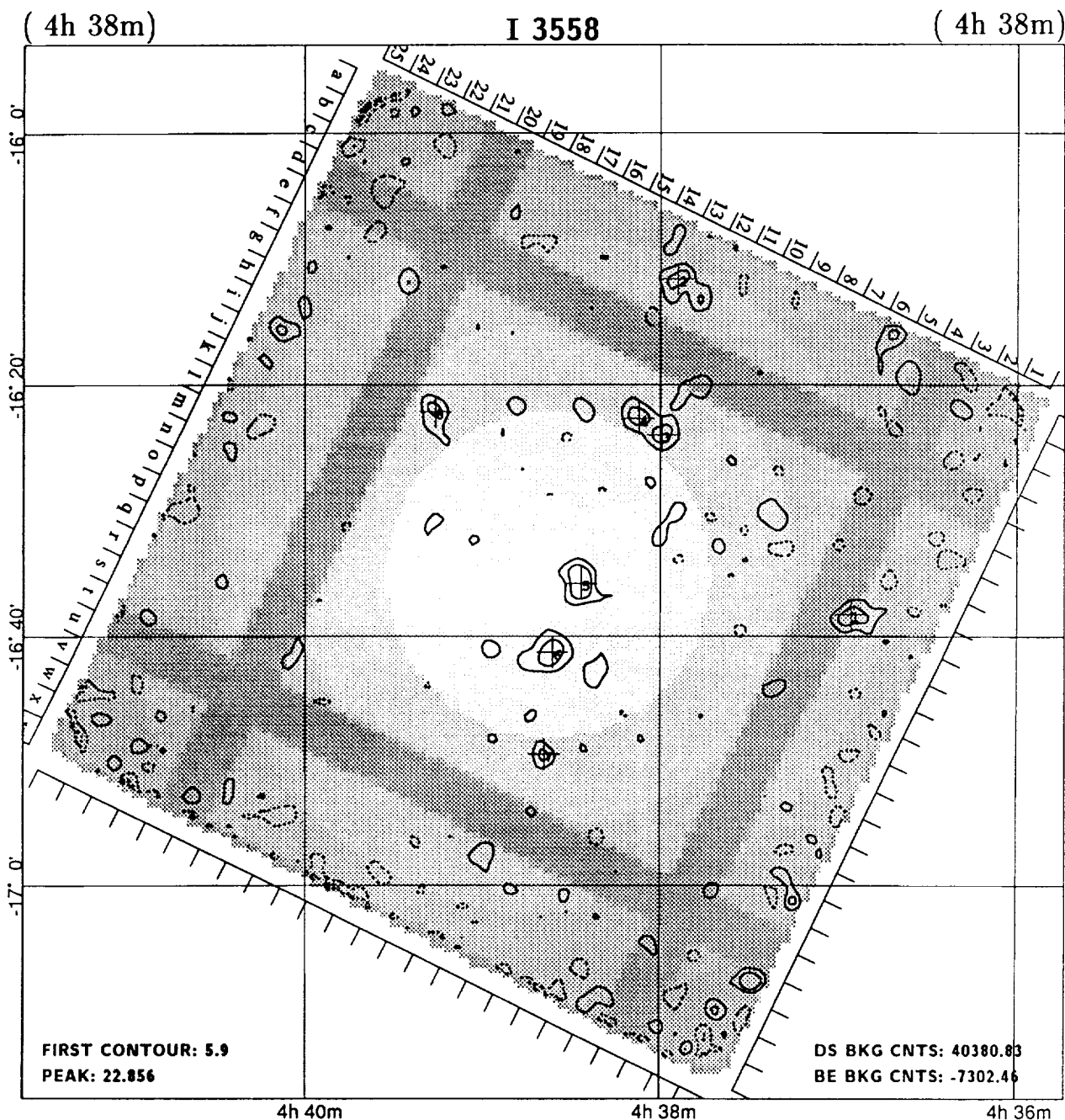
QUASAR 0438-436

FIELD CENTER: 04^h38^m00.0^s -43°35'59" (B1950)
04^h39^m34.1^s -43°30'11" (J2000)
 l : 248.35 b : -41.70

DATE: 1979/238 - 1980/ 45
LIVETIME: 7387.3s

NH: 2.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1109	1	04 36 24.0	-43 21 49	55	*0.0096	0.0019	34.0	12.0	5.0	0.8	1108	22.7	H	
1116	2	04 37 56.3	-43 05 16	55	*0.0155	0.0032	32.1	10.9	4.9	1.3	703	30.8	EH	
1118	3	04 38 00.6	-43 35 17	37	0.0053	0.0014	29.4	31.6	3.8	0.4	0	0.7	H	
1127	4	04 38 41.8	-43 38 54	38	0.0275	0.0025	138.4	26.6	10.8	1.0	0	8.1	H	Q
1135	5	04 39 43.0	-43 19 04	48	0.0511	0.0043	159.6	17.4	12.0	1.3	0	25.3	H	



ERI DEEP SURVEY

FIELD CENTER: 04^h 38^m 39.1^s -16° 34' 58" (B1950)
04^h 40^m 54.2^s -16° 29' 14" (J2000)
l: 214.12 *b*: -36.13

DATE: 1979/ 36 - 1979/ 38
LIVETIME: 32721.6s
ROLL ANGLE: 115.9°

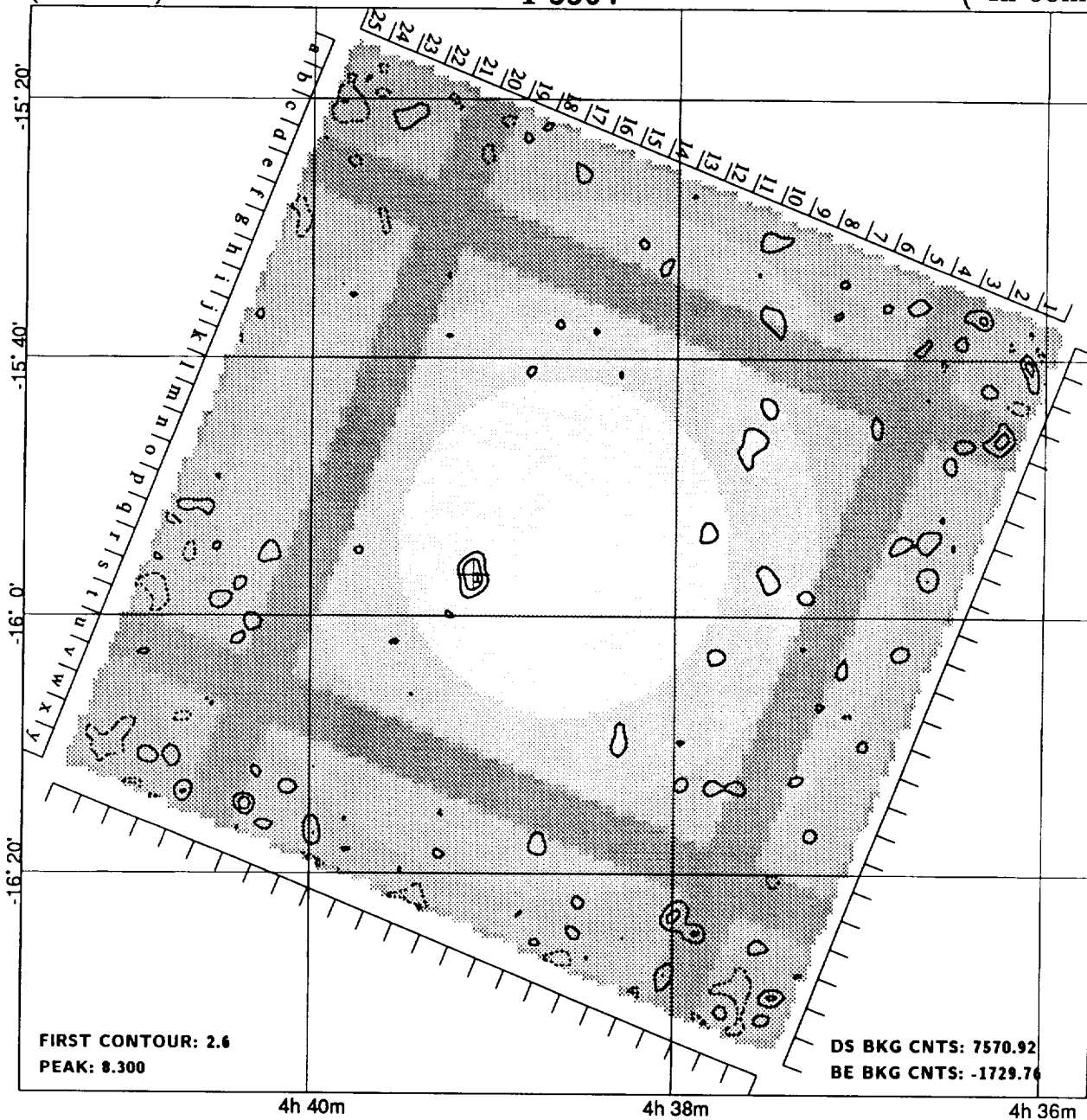
NH: 4.5E+20
REF/ID: *
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1112	1	04 36 55.6	-16 38 16	56	*0.00333	0.00071	47.5	56.5	4.7	1.0	906	25.1	*	
1115	2	04 37 54.1	-16 11 37	62	0.00251	0.00069	34.4	55.6	3.6	1.6	0	26.3	AH	*
1117	3L	04 37 59.4	-16 23 58	42	0.00297	0.00073	58.1	73.9	4.0	1.5	0	14.6	H	*
1119	4	04 38 07.3	-16 22 40	42	0.00273	0.00054	53.7	60.3	5.0	1.5	0	14.5		*
1122	5	04 38 26.6	-16 35 48	33	0.00420	0.00057	100.7	85.3	7.4	1.0	0	2.8	A	Q
1125	6	04 38 36.4	-16 41 14	41	0.00304	0.00055	69.9	93.1	5.5	1.1	0	6.3	A	S
1126	7	04 38 39.2	-16 49 31	42	0.00194	0.00054	38.2	73.8	3.6	0.6	0	14.5		
1131	8	04 39 16.0	-16 22 07	54	0.00220	0.00054	41.4	61.6	4.1	0.8	200	15.7	H	S

(4h 38m)

I 3564

(4h 38m)



FIELD CENTER: 04^h38^m39.1^s -15°55'01" (B1950)
 04^h40^m55.0^s -15°49'17" (J2000)
 ℓ : 213.36 b : -35.88

DATE: 1979/ 36 - 1979/ 36
 LIVETIME: 6134.9s
 ROLL ANGLE: 111.9°

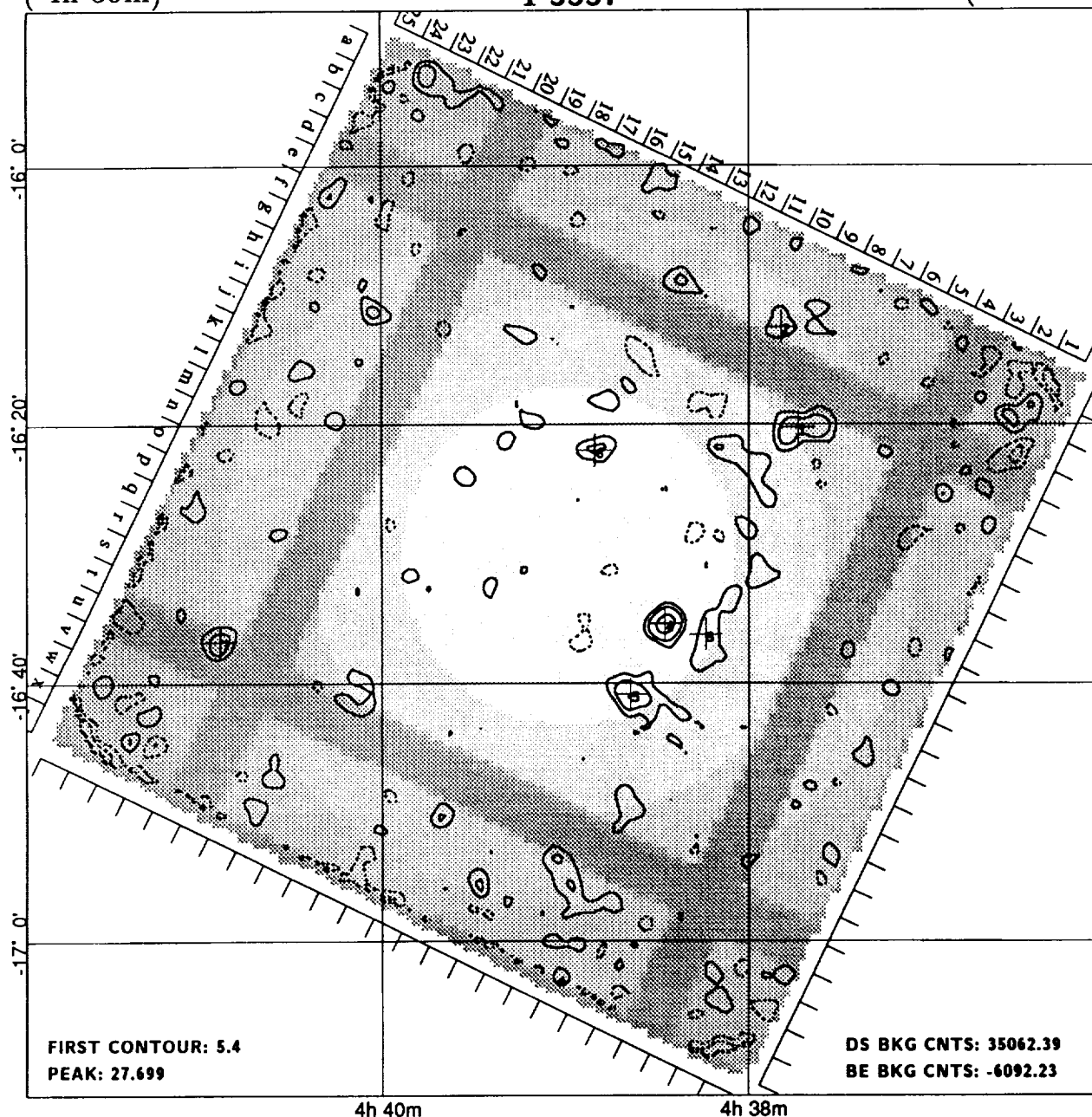
NH: 4.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1130	1	04 39 06.6	-15 56 47	42	0.0078	0.0016	33.1	11.9	4.9	0.9	0	6.8	H

(4h 39m)

I 3557

(4h 39m)



ERI DEEP SURVEY

FIELD CENTER: 04^h39^m00.0^s -16°29'59" (B1950)

DATE: 1979/ 38 - 1979/ 39

NH: 4.6E+20

04^h41^m15.2^s -16°24'17" (J2000)

LIVETIME: 28412.0s

REF/ID: *

ℓ: 214.07 b: -36.02

ROLL ANGLE: 115.9°

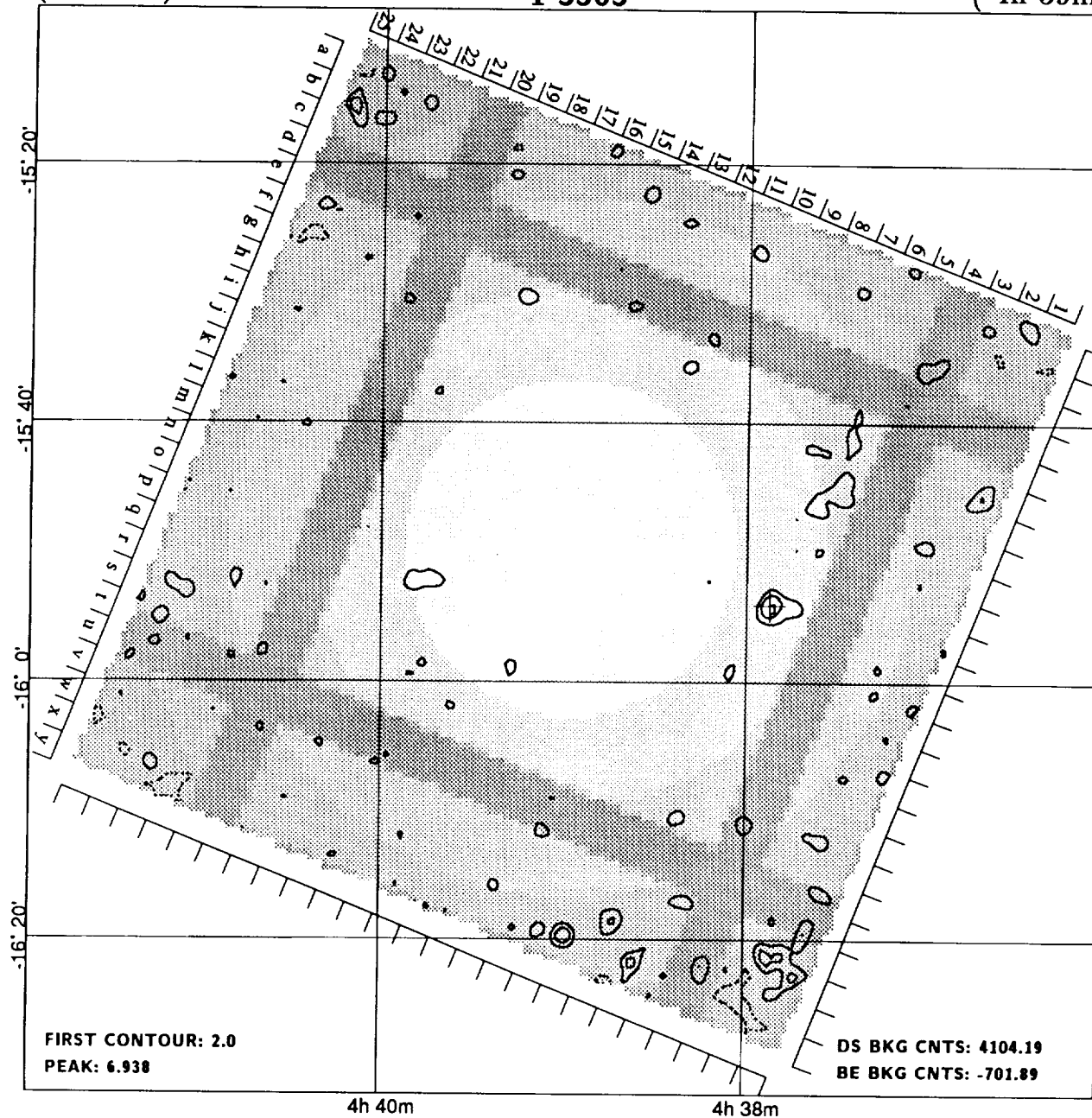
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1113	1	04 37 44.0	-16 20 14	55	0.00365	0.00071	52.2	50.8	5.1	1.5	200	20.0	H	*
1115	2	04 37 49.5	-16 12 23	87	*0.00243	0.00069	30.5	44.5	3.5	0.6	501	24.5	AH	*
1120	3	04 38 14.0	-16 36 09	43	0.00233	0.00056	42.1	61.9	4.1	1.5	0	12.6	H	*
1122	4	04 38 27.5	-16 35 17	38	0.00599	0.00070	115.0	67.0	8.5	0.9	0	9.4	AH	Q
1125	5	04 38 38.7	-16 40 50	41	0.00417	0.00066	76.3	68.7	6.3	1.3	0	11.9	AH	S
1128	6	04 38 50.3	-16 21 58	42	0.00194	0.00055	37.6	74.4	3.6	0.7	0	8.3		*
1140	7	04 40 52.6	-16 36 40	76	*0.00343	0.00081	37.1	38.9	4.3	0.7	908	27.8		

(4h 39m)

I 3563

(4h 39m)



ERI DEEP SURVEY

FIELD CENTER: $04^h 39^m 00.0^s$ $-15^\circ 49' 58''$ (B1950)
 $04^h 41^m 16.0^s$ $-15^\circ 44' 16''$ (J2000)
 $l: 213.31$ $b: -35.77$

DATE: 1979/ 36 - 1979/ 36
 LIVETIME: 3325.7s
 ROLL ANGLE: 111.8°

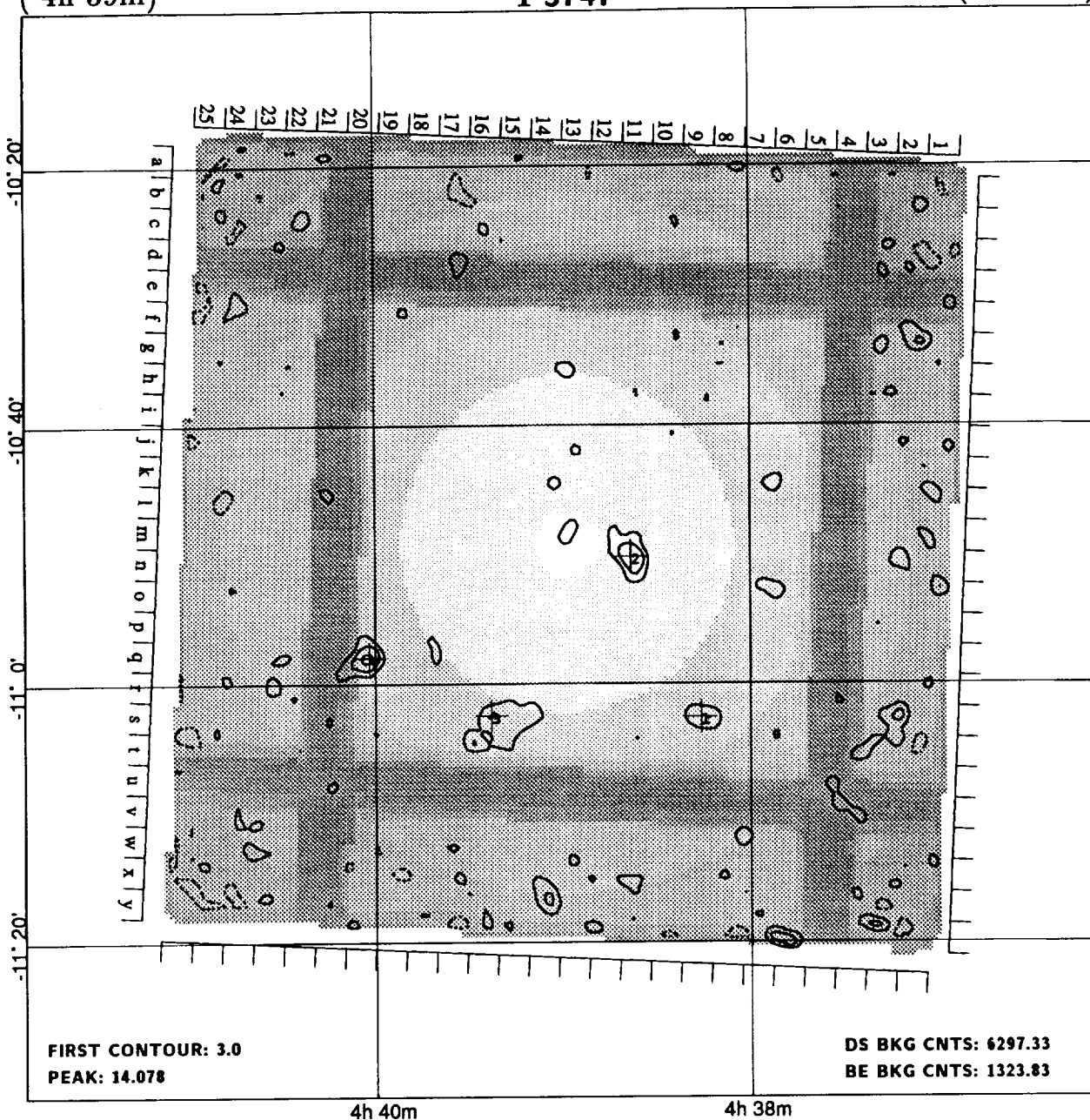
NH: $4.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1114	1	04 37 52.6	-15 54 02	54	0.0091	0.0026	17.4	6.6	3.6	0.9	0	16.7	H	

(4h 39m)

I 3747

(4h 39m)



4U 0443-09 SUPERCLUSTER STUDY

FIELD CENTER: $04^h 39^m 00.0^s$ $-10^\circ 49' 59''$ (B1950)
 $04^h 41^m 21.8^s$ $-10^\circ 44' 17''$ (J2000)
 $l: 207.76$ $b: -33.71$

DATE: 1979/ 68 - 1979/ 68
 LIVETIME: 5102.9s
 ROLL ANGLE: 92.7°

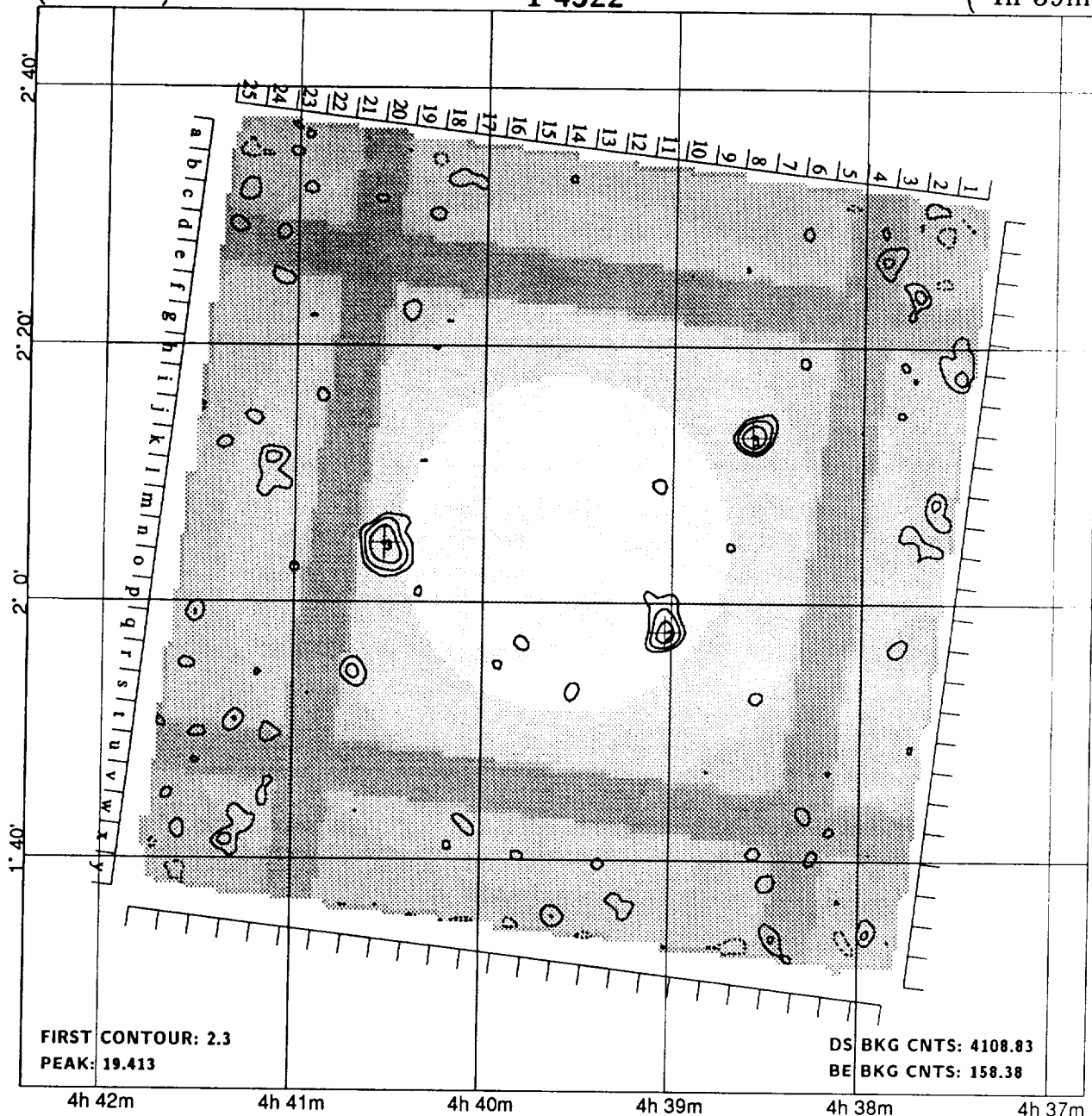
NH: $5.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1121	1	04 38 15.7	-11 02 36	58	0.0073	0.0021	20.7	14.3	3.5	0.7	0	16.6		
1124	2	04 38 38.1	-10 50 07	41	0.0110	0.0021	40.0	19.0	5.2	1.0	0	5.5		AGN
1132	3	04 39 22.9	-11 02 28	47	0.0076	0.0021	23.3	16.7	3.7	1.9	0	14.2	H	CLG
1138	4	04 40 01.9	-10 57 57	51	*0.0120	0.0025	33.3	14.7	4.8	0.9	703	17.0	AH	AGN

(4h 39m)

I 4522

(4h 39m)



FIELD CENTER: $04^{\text{h}}39^{\text{m}}36.0^{\circ} \ 02^{\circ}03'59''$ (B1950)
 $04^{\text{h}}42^{\text{m}}12.0^{\circ} \ 02^{\circ}09'39''$ (J2000)
 $l: 194.77 \ b: -27.27$

DATE: 1980/ 63 - 1980/ 63
 LIVETIME: 3329.5s
 ROLL ANGLE: 96.8°

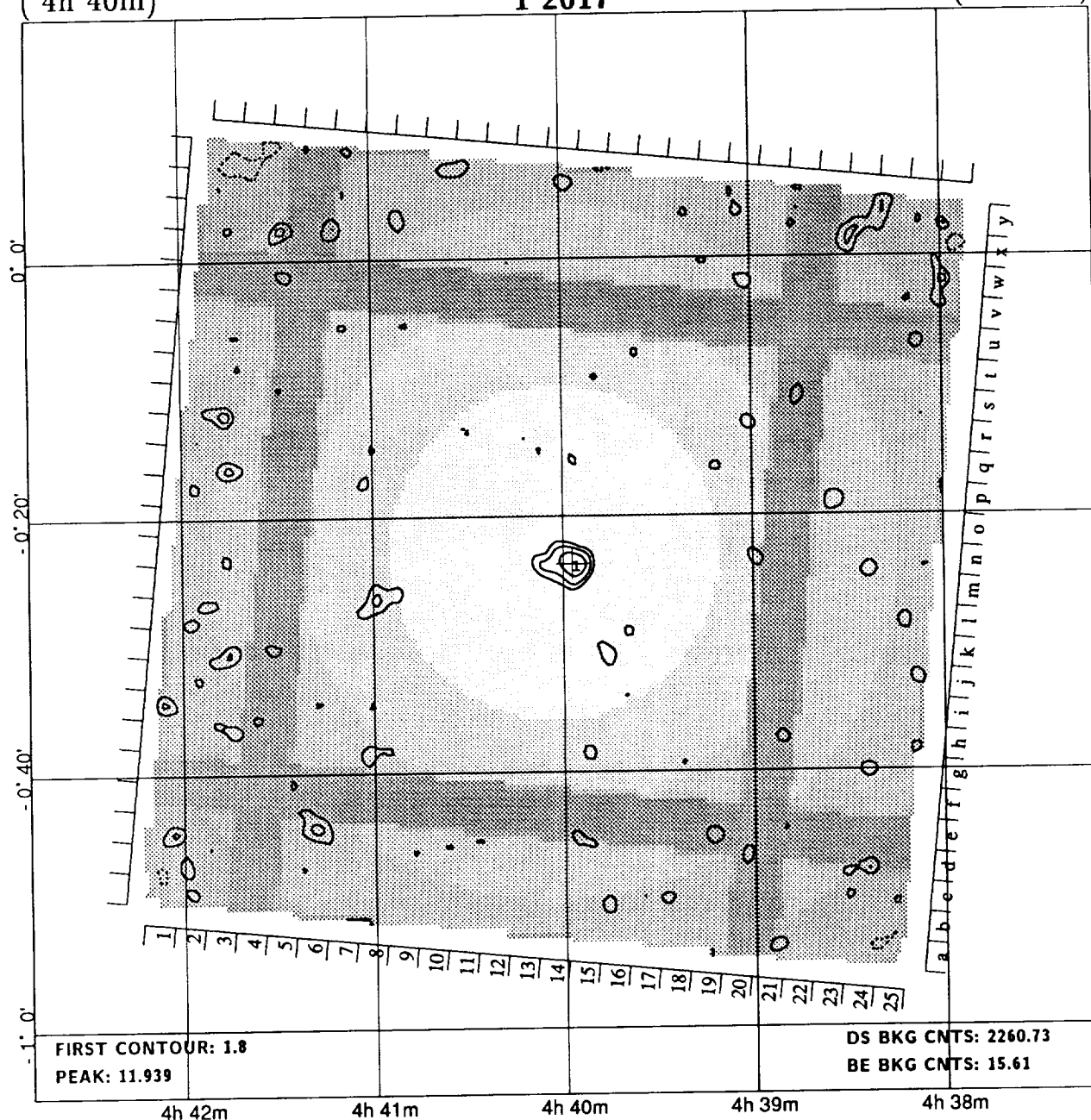
NH: $9.5\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1123	1	04 38 34.9	02 12 55	50	0.0241	0.0039	44.9	8.1	6.2	0.9	0	17.7	H
1129	2	04 39 02.0	01 57 48	41	0.0211	0.0034	46.4	9.6	6.2	1.0	0	10.3	H
1139	3	04 40 31.6	02 04 36	41	0.0338	0.0043	67.8	8.2	7.8	1.3	200	13.7	AH

(4h 40m)

I 2017

(4h 40m)



NRAO 190: STUDY, QUASARS

FIELD CENTER: $04^h 40^m 00.0^s$ $-00^\circ 22' 59''$ (B1950)
 $04^h 42^m 33.4^s$ $-00^\circ 17' 22''$ (J2000)
 $l: 197.18$ $b: -28.48$

DATE: 1979/251 - 1979/251
 LIVETIME: 1831.9s
 ROLL ANGLE: -84.4°

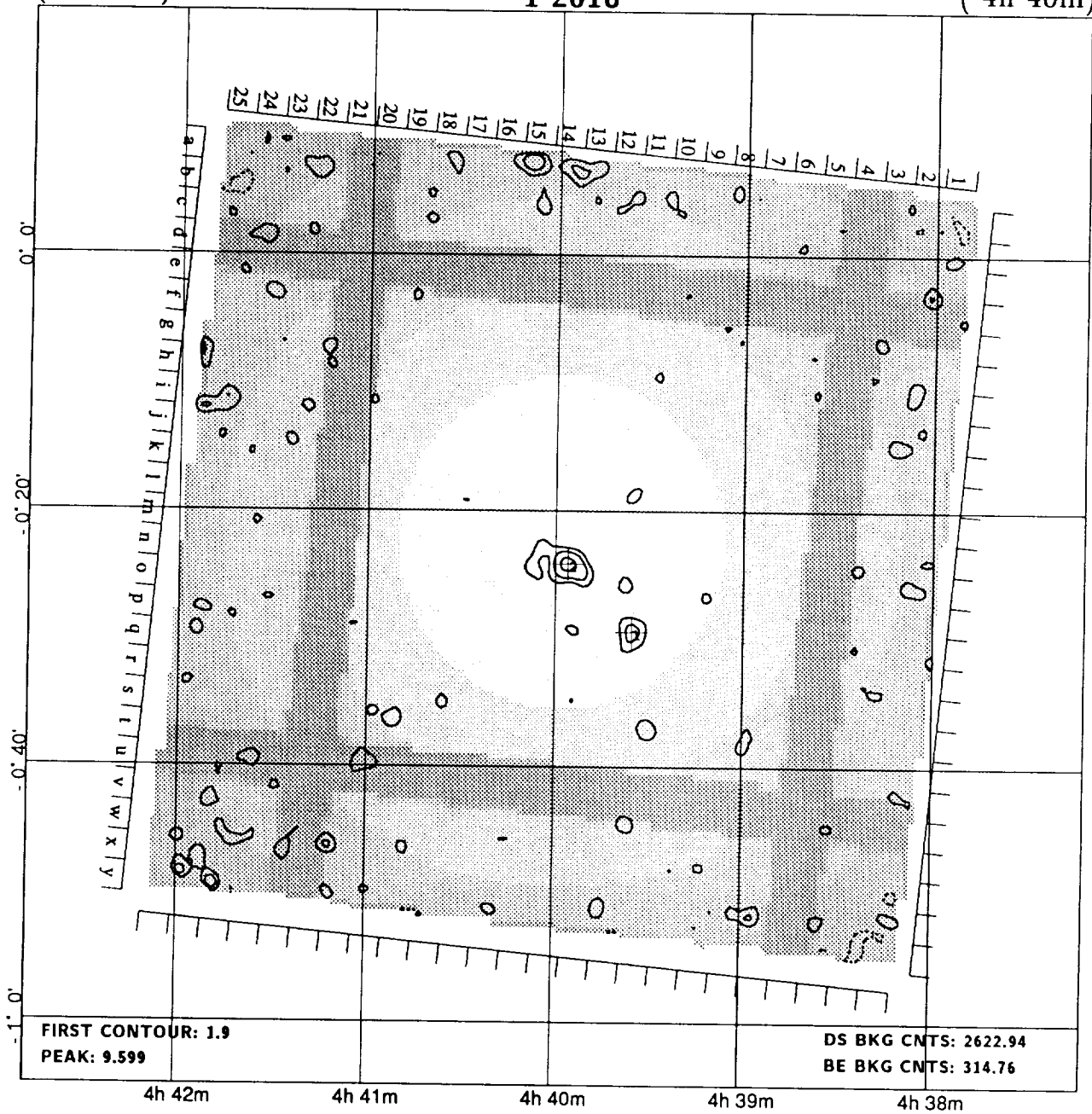
NH: $5.7E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1137	1	04 39 57.1	-00 23 44	35	0.0360	0.0055	48.8	6.2	6.6	1.1	0	0.9	AH	Q

(4h 40m)

I 2018

(4h 40m)



NRAO 190: STUDY, QUASARS

FIELD CENTER: $04^h 40^m 00.0^s$ $-00^\circ 22' 59''$ (B1950)
 $04^h 42^m 33.4^s$ $-00^\circ 17' 22''$ (J2000)
 $l: 197.18$ $b: -28.48$

DATE: 1980/ 66 - 1980/ 66
 LIVETIME: 2125.4s
 ROLL ANGLE: 95.5°

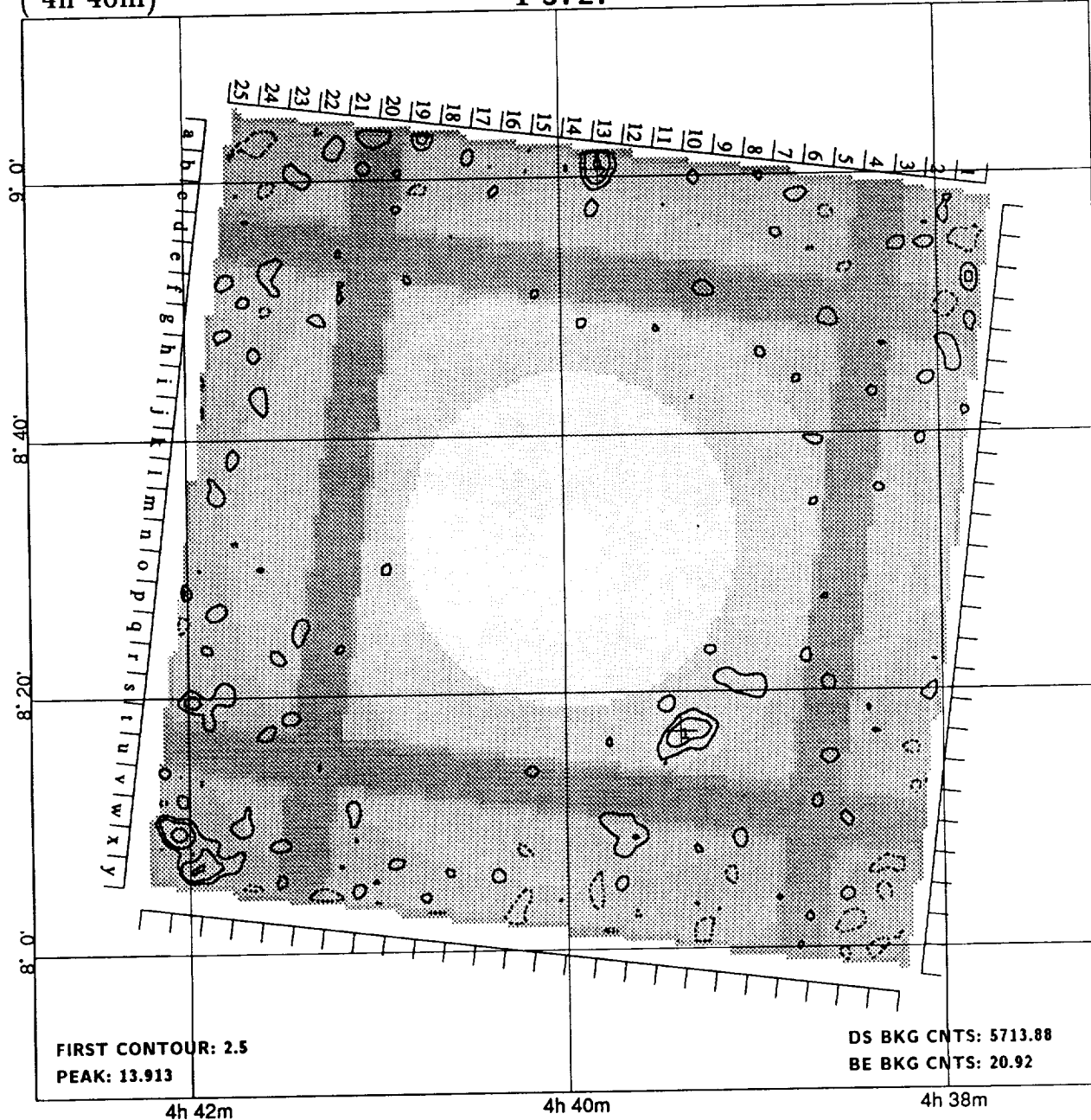
NH: $5.7E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1134	1	04 39 35.4	-00 29 28	45	0.0135	0.0035	19.4	6.6	3.8	0.7	0	8.7	H	
1137	2	04 39 56.0	-00 24 09	35	0.0231	0.0042	36.3	6.7	5.5	1.1	0	1.4	AH	Q

(4h 40m)

I 5727

(4h 40m)



CLUSTERS WITH IPC: A501/4

FIELD CENTER: 04^h40^m00.0^s 08°30'59" (B1950)
04^h42^m43.2^s 08°36'37" (J2000)
 l : 188.89 b : -23.60

DATE: 1980/ 64 - 1980/ 64
LIVETIME: 4630.1s
ROLL ANGLE: 97.0°

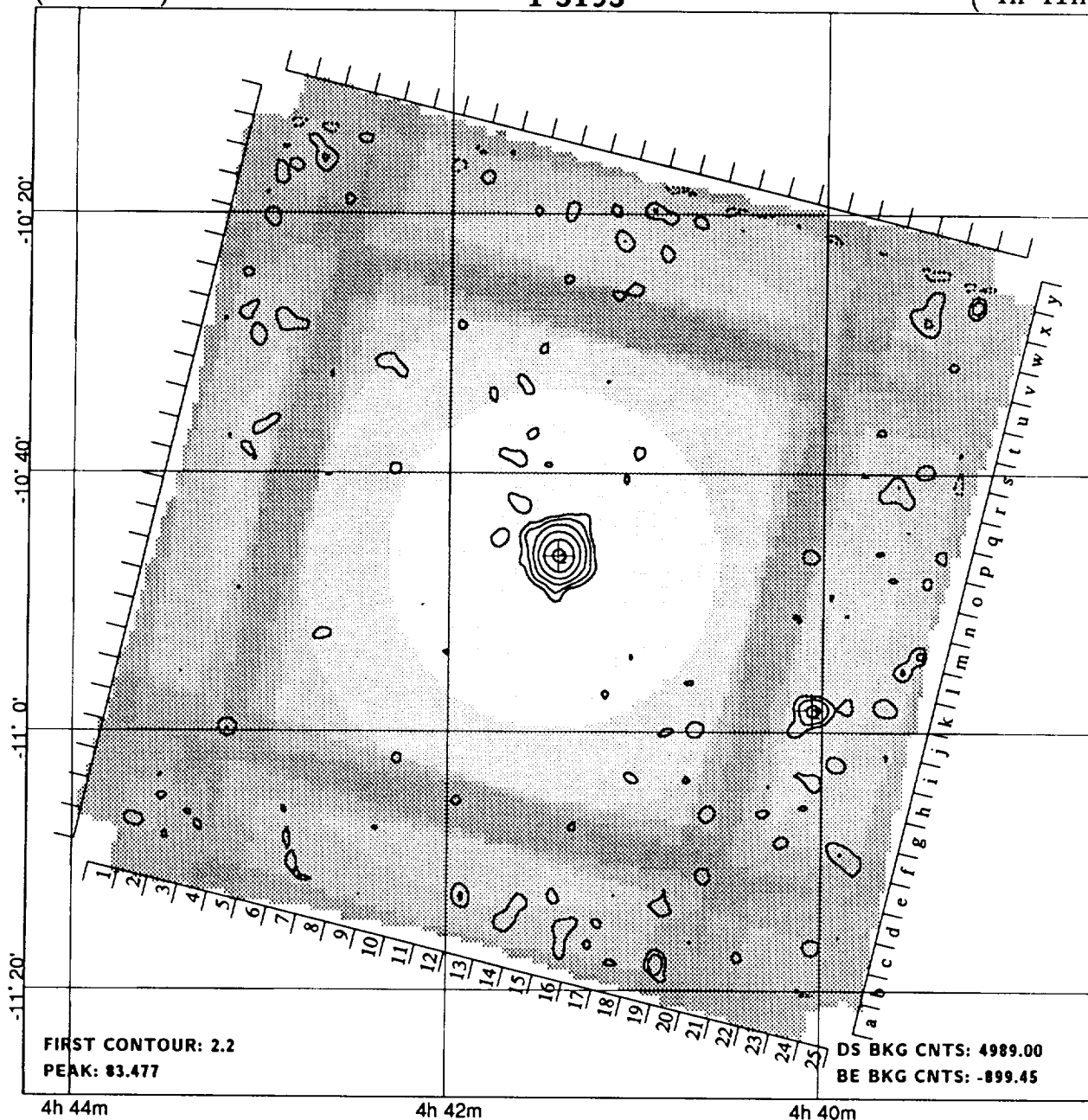
NH: 1.1E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1133	1	04 39 23.3	08 16 51	51	0.0097	0.0023	25.0	11.0	4.2	1.3	0	16.9	H	CLG
1136	2	04 39 47.5	09 00 35	55	0.0144	0.0034	23.6	7.4	4.2	0.8	500	29.6	H	

(4h 41m)

I 3195

(4h 41m)



RS CVN SYSTEMS: RZ ERI

FIELD CENTER: $04^{\text{h}}41^{\text{m}}23.5^{\text{s}}$ $-10^{\circ}46'23''$ (B1950)
 $04^{\text{h}}43^{\text{m}}45.3^{\text{s}}$ $-10^{\circ}40'51''$ (J2000)
 $l: 208.00$ $b: -33.16$

DATE: 1979/227 - 1979/241
 LIVETIME: 4042.7s
 ROLL ANGLE: -76.4°

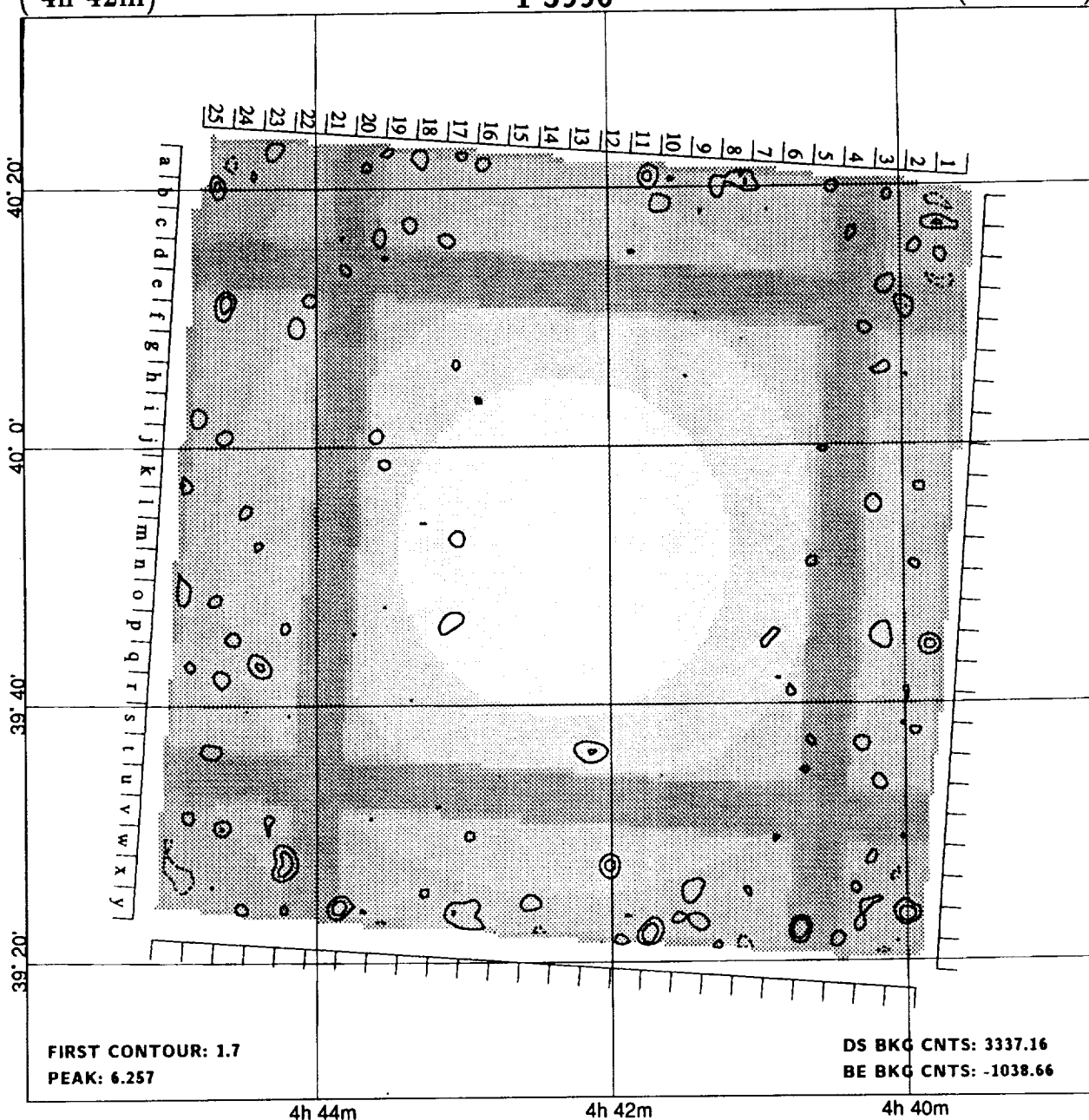
NH: $6.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1138	1	04 40 03.3	-10 58 17	51	0.0139	0.0031	25.5	6.5	4.5	0.9	200	22.9	AH	AGN
1142	2	04 41 25.0	-10 46 26	31	0.1094	0.0061	329.8	9.2	17.9	1.3	0	0.4	H	CV

(4h 42m)

I 5996

(4h 42m)



FIELD CENTER: $04^h 42^m 20.0^s$ $39^\circ 51' 29''$ (B1950)
 $04^h 45^m 46.6^s$ $39^\circ 56' 55''$ (J2000)
 $l: 163.89$ $b: -3.60$

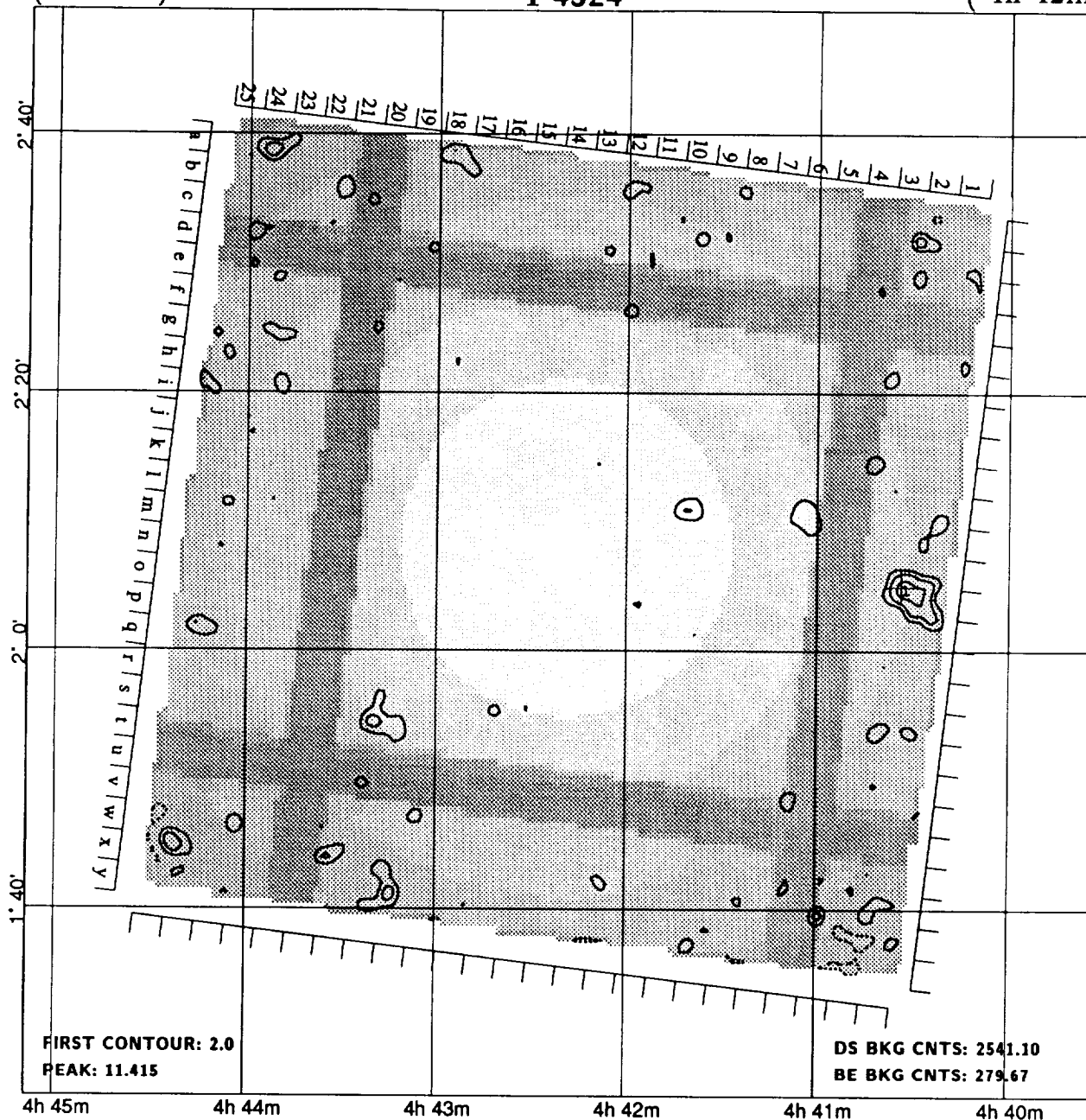
DATE: 1980/ 49 - 1980/ 53
 LIVETIME: 2704.2s
 ROLL ANGLE: 94.0°

NH: $3.7E+21$
 REF/ID:
 FIELD FLAGS:

(4h 42m)

I 4524

(4h 42m)



FIELD CENTER: $04^h 42^m 21.0^s$ $02^\circ 07' 29''$ (B1950)
 $04^h 44^m 57.1^s$ $02^\circ 12' 57''$ (J2000)
 $l: 195.12$ $b: -26.66$

DATE: 1980/ 63 - 1980/ 63
 LIVETIME: 2059.1s
 ROLL ANGLE: 96.7°

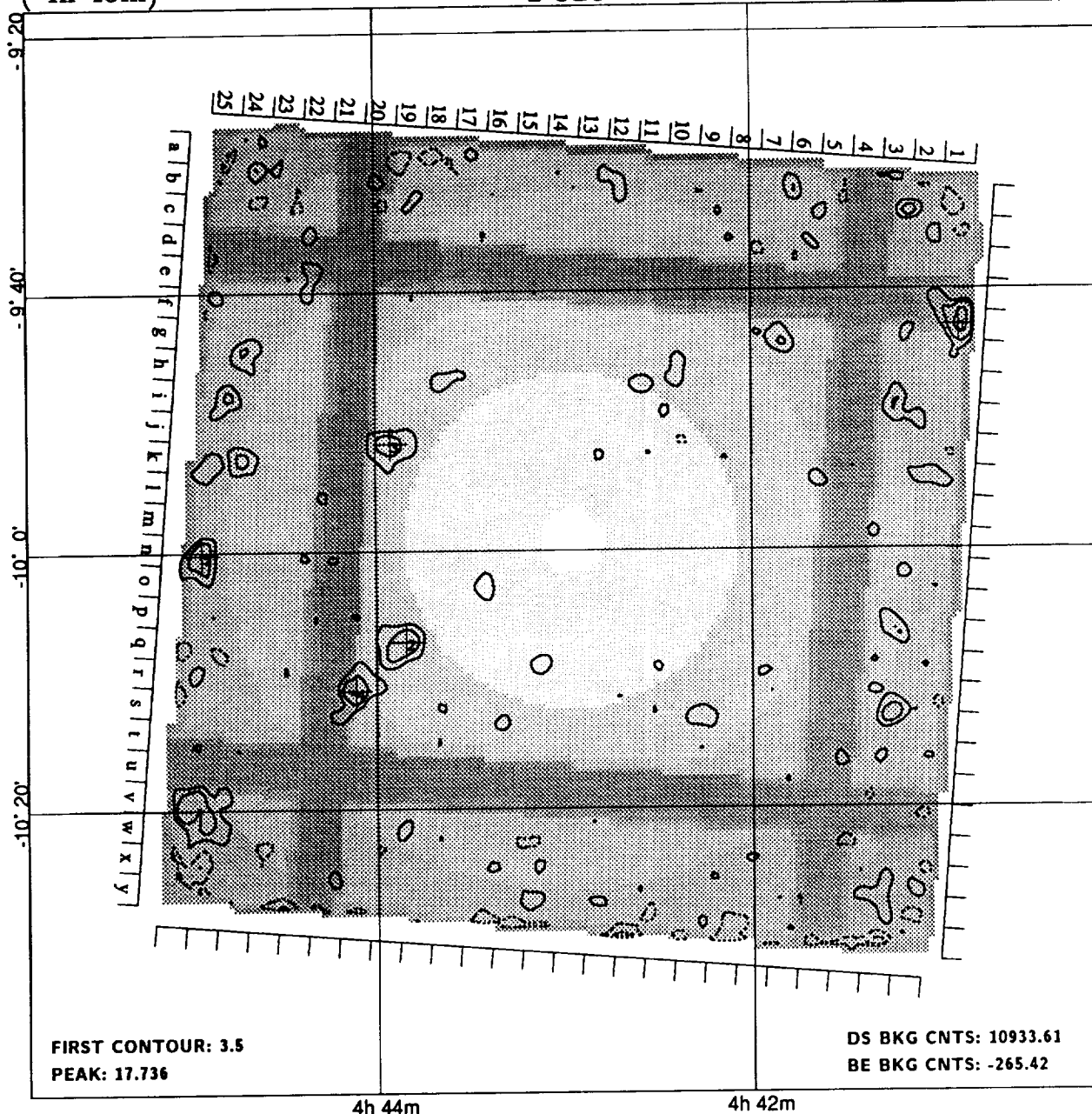
NH: $9.4E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1139	1	04 40 33.6	02 05 00	52	0.0252	0.0061	21.2	4.8	4.1	1.6	0	26.9	AH	

(4h 43m)

I 328

(4h 43m)



4U 0443-09 SUPERCLUSTER STUDY

FIELD CENTER: 04^h43^m00.0^s -09°59'59" (B1950)
04^h45^m22.6^s -09°54'34" (J2000)
ℓ: 207.38 b: -32.46

DATE: 1979/ 65 - 1979/ 65
LIVETIME: 8859.8s
ROLL ANGLE: 94.4°

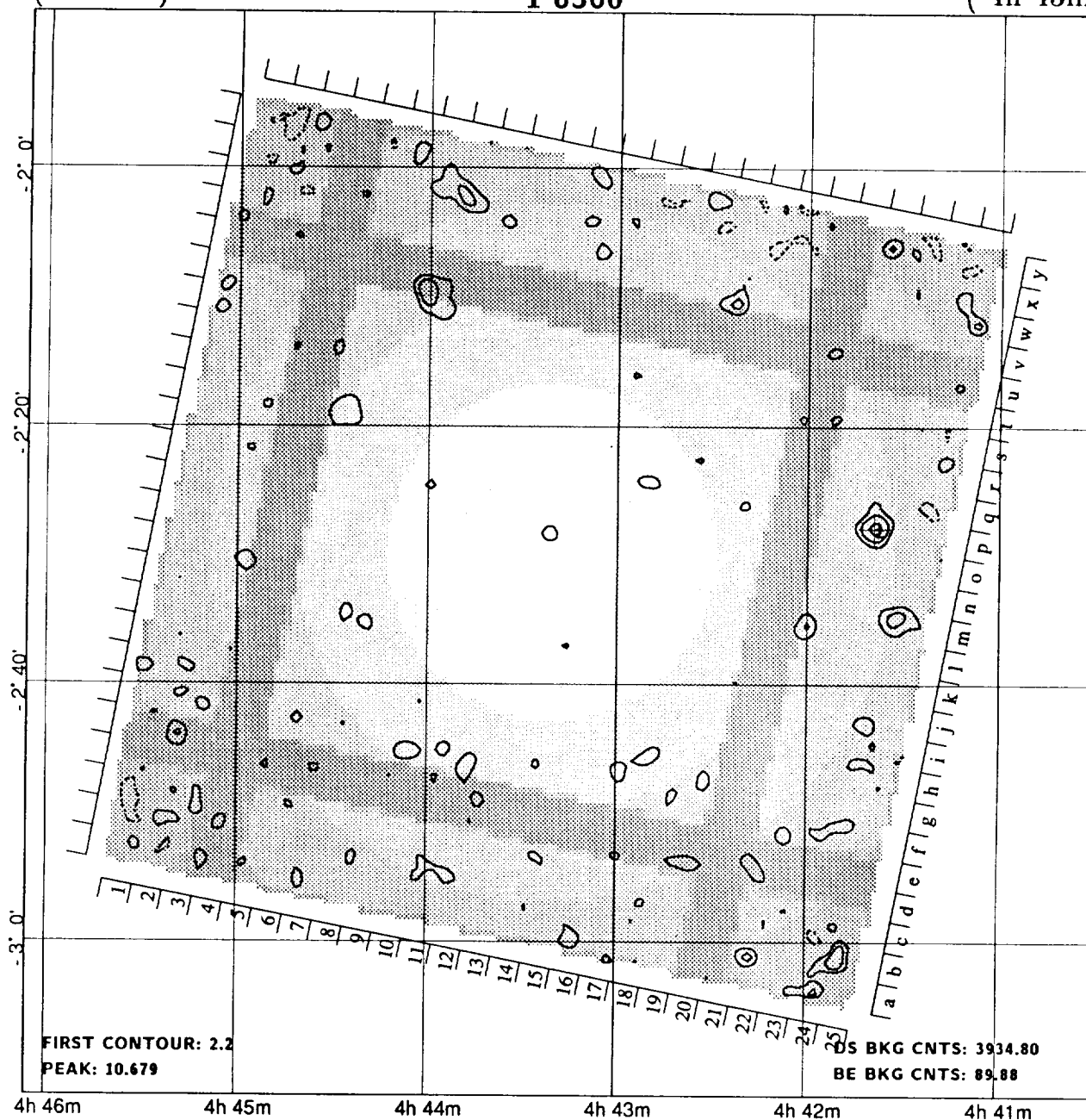
NH: 5.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1141	1	04 40 54.0	-09 42 48	56	*0.0120	0.0026	27.8	8.2	4.6	1.2	1309	35.6	H
1144	2	04 43 50.6	-10 07 01	42	0.0080	0.0015	42.0	21.0	5.3	1.2	0	14.1	H
1145	3	04 43 55.3	-09 51 44	51	0.0065	0.0014	33.2	19.8	4.6	1.0	300	15.6	H
1146	4	04 44 06.6	-10 10 53	51	*0.0071	0.0015	31.5	14.5	4.6	1.2	906	19.8	H
1148	5	04 44 55.3	-10 00 12	56	*0.0085	0.0021	26.6	16.4	4.1	1.0	601	28.4	H

(4h 43m)

I 8360

(4h 43m)



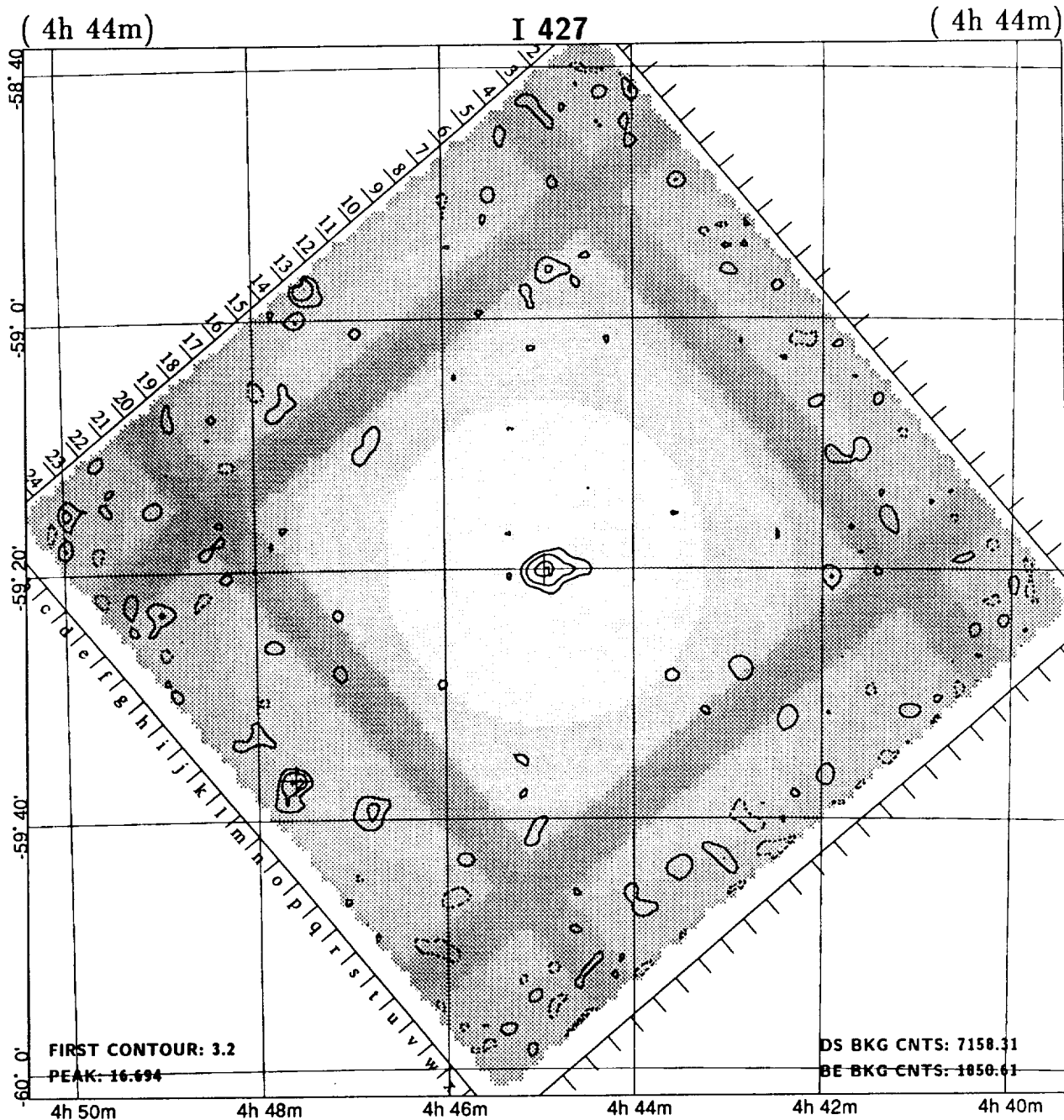
N 1653, ELLIPTICAL GALAXIES W/LARGE VELOCITY DISPERSIONS

FIELD CENTER: $04^h 43^m 18.0^s$ $-02^\circ 29' 59''$ (B1950)
 $04^h 45^m 49.0^s$ $-02^\circ 24' 35''$ (J2000)
 $l: 199.73$ $b: -28.85$

DATE: 1980/237 - 1980/238
 LIVETIME: 3188.5s
 ROLL ANGLE: -79.0°

NH: $4.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1143	1	04 41 39.0	-02 27 49	54	0.0131	0.0036	17.8	6.2	3.6	0.9	0	24.5	H



NGC 1672 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $04^h 44^m 55.2^s$ $-59^\circ 20' 11''$ (B1950)
 $04^h 45^m 42.3^s$ $-59^\circ 14' 50''$ (J2000)
 $l: 268.78$ $b: -38.99$

DATE: 1980/104 - 1980/104
 LIVETIME: 5800.7s
 ROLL ANGLE: 50.0°

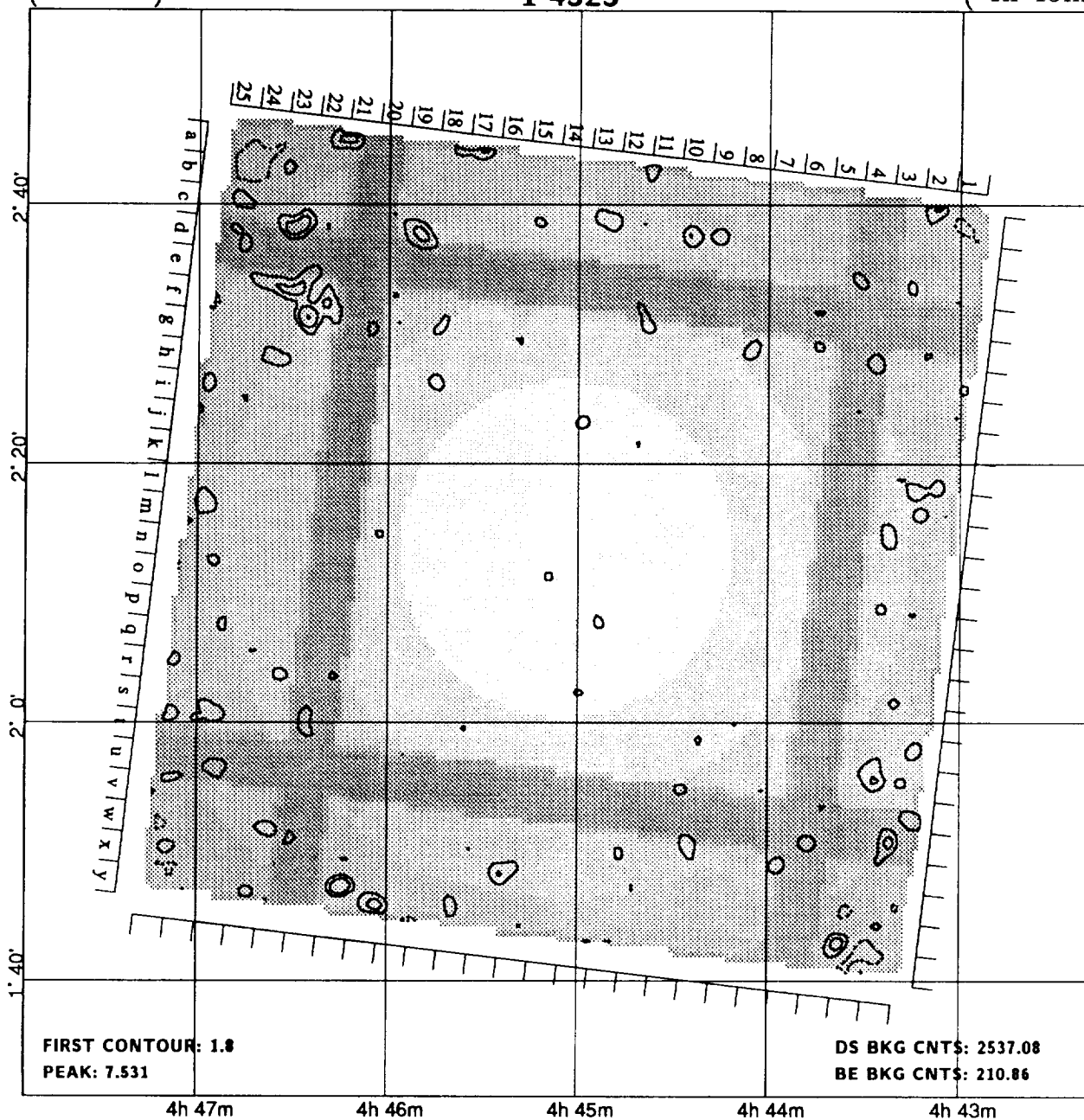
NH: $2.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1149	1	04 44 56.6	-59 20 00	35	0.0152	0.0022	65.9	24.1	6.9	1.2	0	0.4	H	G
1161	2	04 47 36.4	-59 36 45	55	0.0106	0.0027	24.8	14.2	4.0	1.0	0	26.2	H	

(4h 45m)

I 4523

(4h 45m)



CLUSTER A 509

FIELD CENTER: 04^h45^m06.0^s 02°12'59" (B1950)
04^h47^m42.2^s 02°18'16" (J2000)
 l : 195.45 b : -26.03

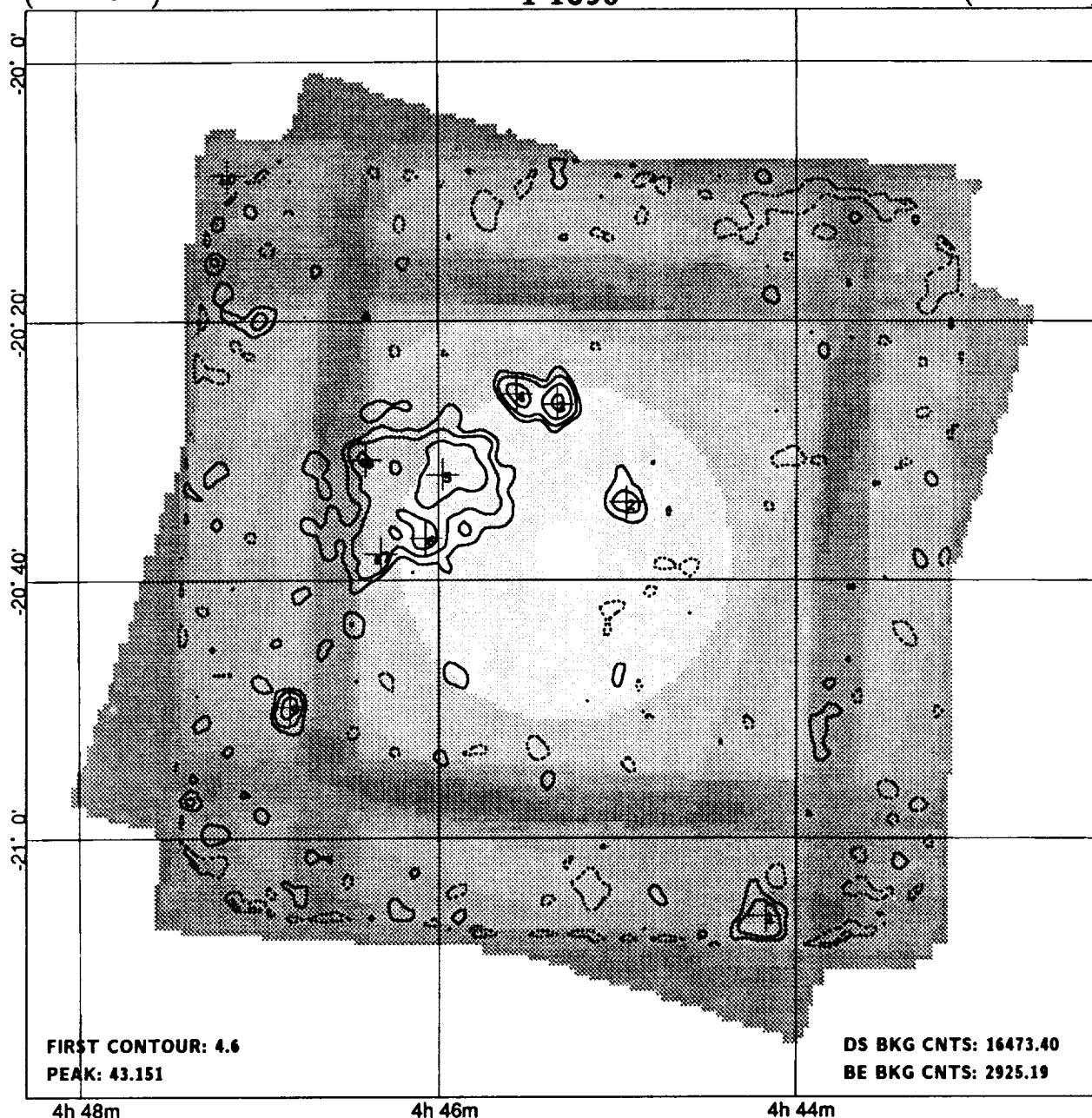
DATE: 1980/ 63 - 1980/ 63
LIVETIME: 2055.9s
ROLL ANGLE: 96.6°

NH: 0.9E+20
REF/ID:
FIELD FLAGS:

(4h 45m)

I 1890

(4h 45m)



A514=0446-20: X-RAY STUDY OF RADIO GALAXIES

FIELD CENTER: 04^h45^m18.0^s -20°37'59" (B1950)
 04^h47^m27.9^s -20°32'43" (J2000)
 l : 219.50 b : -36.10

DATE: 1979/229 - 1981/ 65
 LIVETIME: 13348.8s

NH: 3.4E+20

REF/ID:

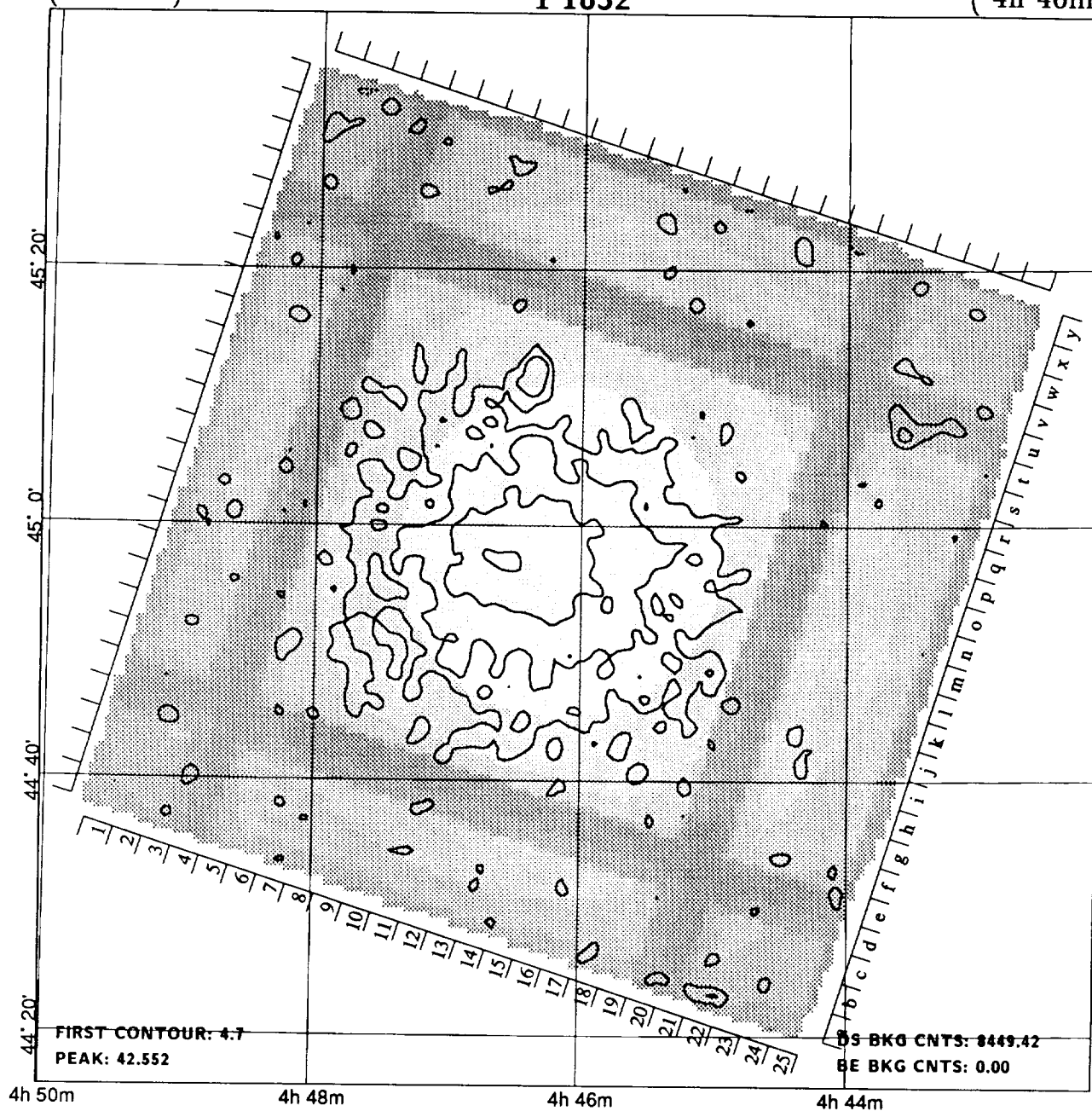
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1147	1	04 44 10.1	-21 06 06	58	0.0072	0.0018	30.3	26.7	4.0	1.3	0	32.3		
1150	2	04 44 56.9	-20 34 00	41	0.0062	0.0011	58.6	48.4	5.7	1.1	0	6.6	H	
1151	3	04 45 20.1	-20 26 22	38	0.0171	0.0016	148.1	46.9	10.6	1.7	0	11.9	H	
1152	4	04 45 33.7	-20 25 36	41	0.0112	0.0014	93.7	39.3	8.1	2.9	0	13.2		
1153	5	04 45 58.5	-20 31 50	38	0.0163	0.0016	141.7	41.3	10.5	8.1	0	11.4		CLG
1154	6	04 46 04.3	-20 36 45	38	0.0125	0.0014	109.3	41.7	8.9	11.6	0	11.1		
1155	7	04 46 19.3	-20 37 58	50	*0.0082	0.0013	65.6	36.4	6.5	17.4	703	15.4	H	
1156	8	04 46 24.4	-20 30 41	50	*0.0089	0.0013	66.0	31.0	6.7	15.2	803	17.0	H	
1157	9	04 46 49.8	-20 49 52	50	*0.0097	0.0016	56.3	27.7	6.1	0.9	601	24.5		
1159	10	04 47 10.0	-20 08 46	64	0.0152	0.0033	33.6	20.4	4.6	0.0	900	39.1	EH	

(4h 46m)

I 1832

(4h 46m)



3C129: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $04^{\text{h}}46^{\text{m}}06.0^{\text{s}}$ $44^{\circ}58'00''$ (B1950)
 $04^{\text{h}}49^{\text{m}}43.3^{\text{s}}$ $45^{\circ}03'10''$ (J2000)
 $l: 160.46$ $b: 0.25$

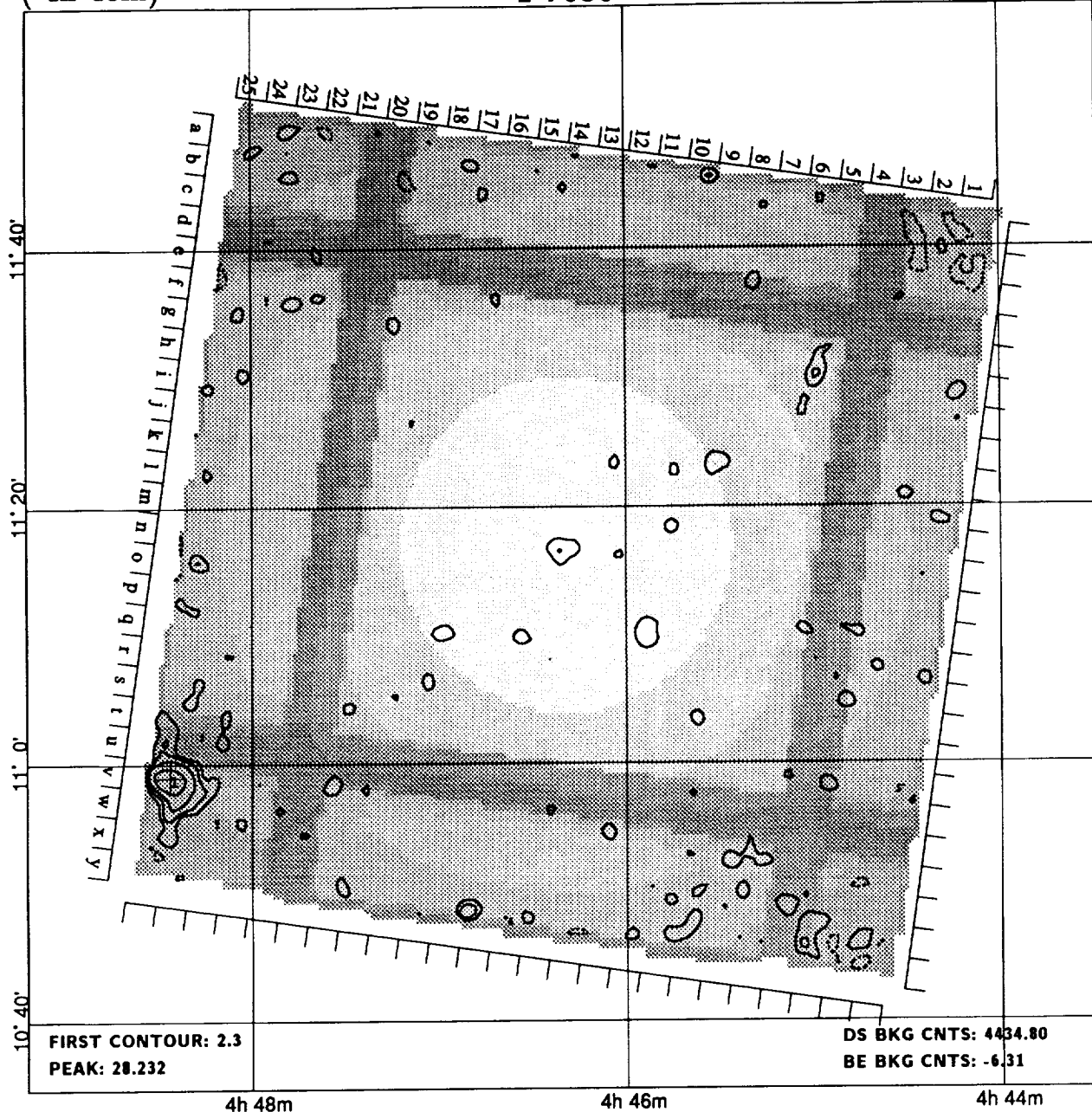
DATE: 1980/277 - 1980/278
 LIVETIME: 6846.8s
 ROLL ANGLE: -72.3°

NH: $5.7\text{E}+21$
 REF/ID:
 FIELD FLAGS: LS

(4h 46m)

I 7630

(4h 46m)



0446+11, LOW FREQUENCY VARIABLES

FIELD CENTER: 04^h46^m20.5^s 11°16'44" (B1950)04^h49^m06.9^s 11°21'55" (J2000) ℓ : 187.42 b : -20.73

DATE: 1981/ 77 - 1981/ 77

LIVETIME: 3593.6s

ROLL ANGLE: 98.2°

NH: 1.4E+21

REF/ID:

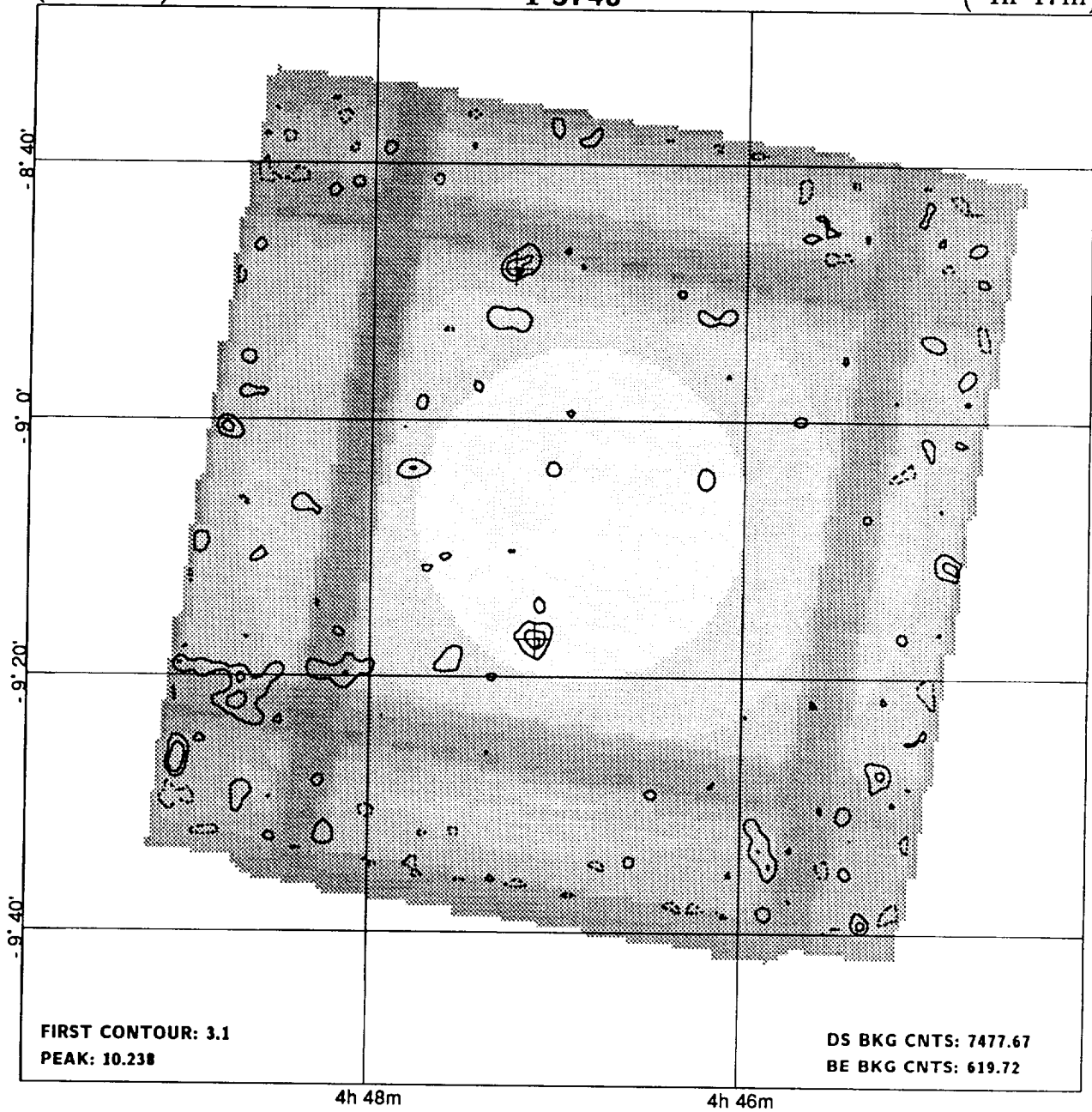
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1162	1	04 48 26.1	10 58 58	51	0.0451	0.0074	41.3	4.7	6.1	1.6	900	35.5	H	

(4h 47m)

I 3748

(4h 47m)



4U 0443-09 SUPERCLUSTER STUDY

FIELD CENTER: $04^h 47^m 00.0^s$ $-09^\circ 09' 59''$ (B1950)
 $04^h 49^m 23.5^s$ $-09^\circ 04' 51''$ (J2000)
 $l: 207.02$ $b: -31.21$

DATE: 1979/ 67 - 1979/ 67
 LIVETIME: 6059.4s

NH: $5.4E+20$

REF/ID:

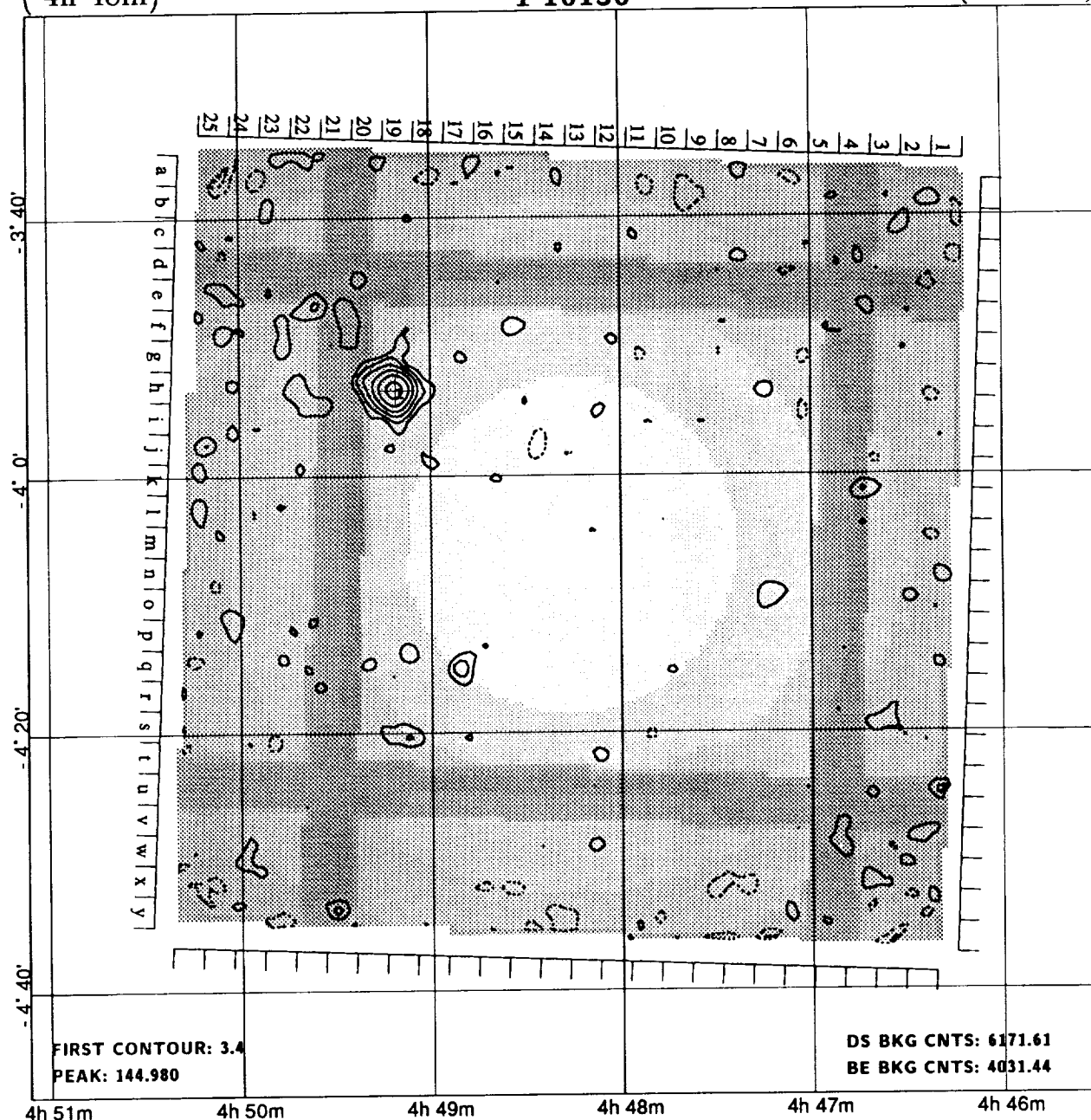
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1158	1	04 47 06.9	-09 17 05	42	0.0087	0.0018	35.2	18.8	4.8	0.8	0	7.3	H	AGN
1160	2	04 47 14.3	-08 48 15	55	*0.0068	0.0018	21.2	11.8	3.7	0.9	1006	22.3	H	

(4h 48m)

I 10150

(4h 48m)



H0447-037

FIELD CENTER: 04^h48^m18.0^s -04°06'05" (B1950)
04^h50^m47.2^s -04°01'02" (J2000)
ℓ: 202.02 b: -28.56

DATE: 1981/ 72 - 1981/ 72
LIVETIME: 5001.0s
ROLL ANGLE: 92.1°

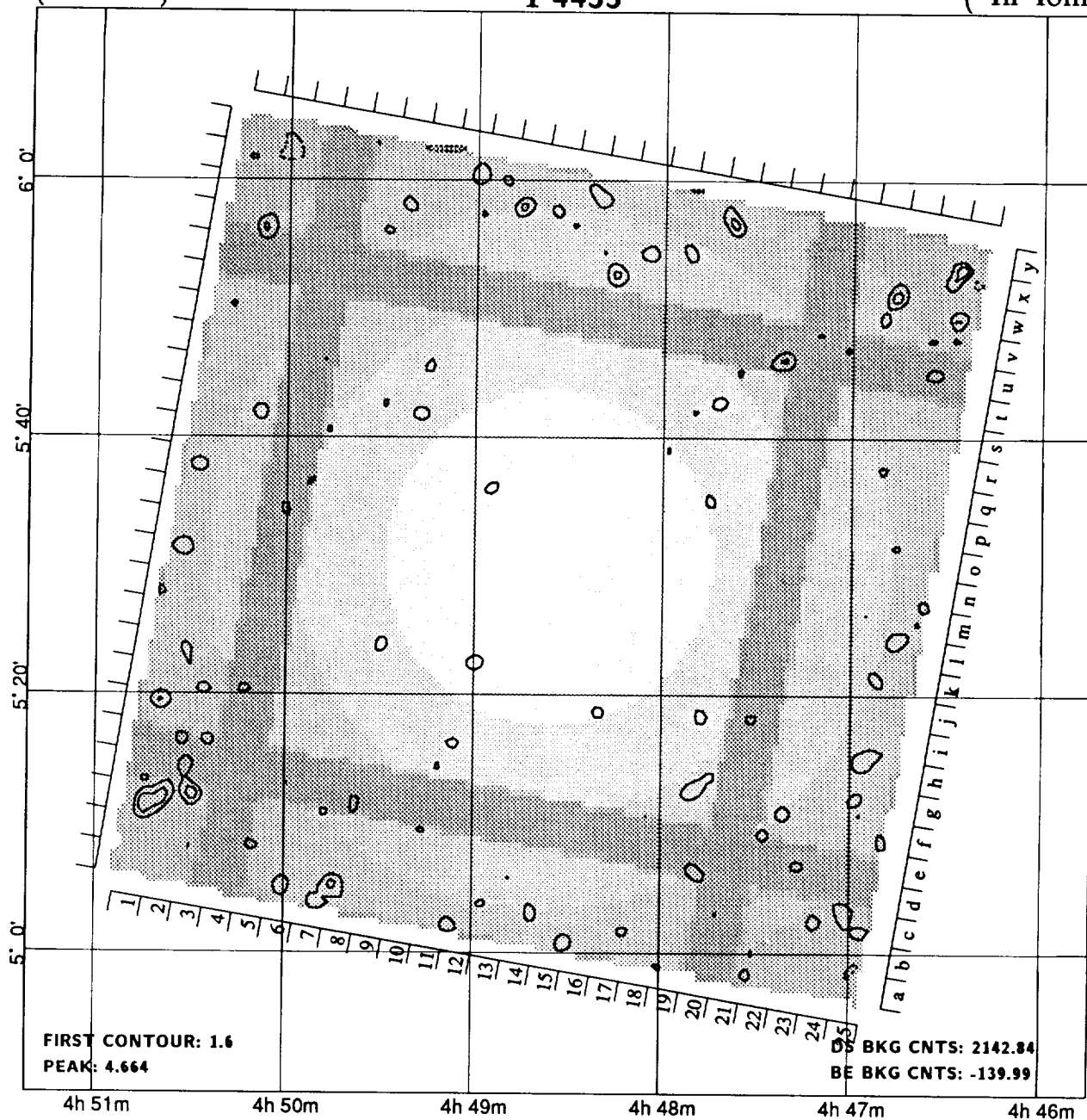
NH: 3.9E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1165	1L	04 49 11.0	-03 53 20	47	0.1409	0.0085	378.6	32.4	16.4	1.1	100	18.4		

(4h 48m)

I 4433

(4h 48m)



FIELD CENTER: $04^{\text{h}}48^{\text{m}}33.0^{\text{s}}$ $05^{\circ}30'59''$ (B1950)
 $04^{\text{h}}51^{\text{m}}12.9^{\text{s}}$ $05^{\circ}36'01''$ (J2000)
 $l: 192.90$ $b: -23.52$

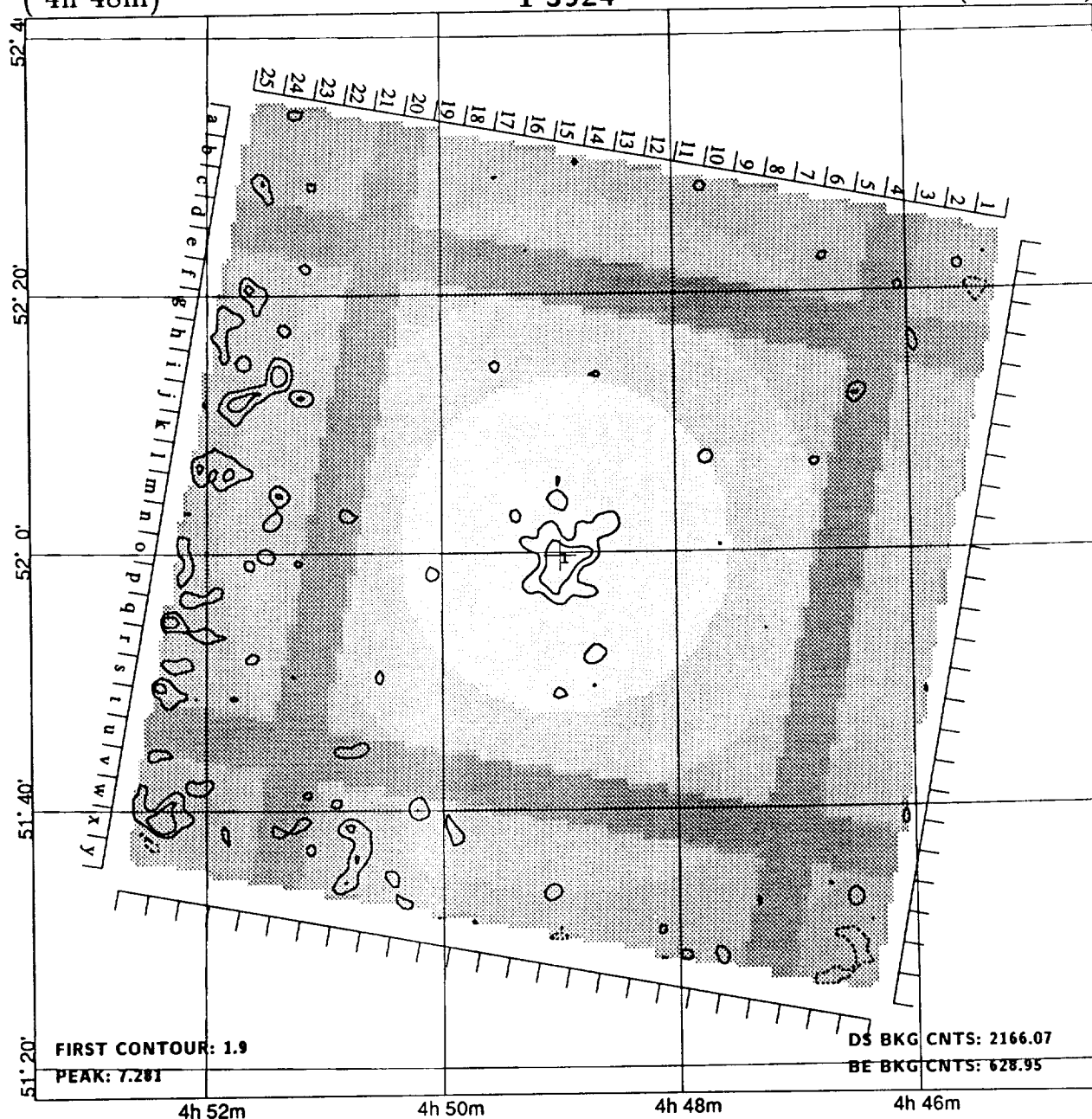
DATE: 1980/239 - 1980/239
 LIVETIME: 1736.4s
 ROLL ANGLE: -80.4°

NH: $8.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(4h 48m)

I 3924

(4h 48m)



FIELD CENTER: $04^h 48^m 56.9^s$ $51^\circ 59' 55''$ (B1950)
 $04^h 52^m 52.4^s$ $52^\circ 04' 53''$ (J2000)
 $l: 155.36$ $b: 5.12$

DATE: 1980/ 72 - 1980/ 72
 LIVETIME: 1818.3s
 ROLL ANGLE: 100.2°

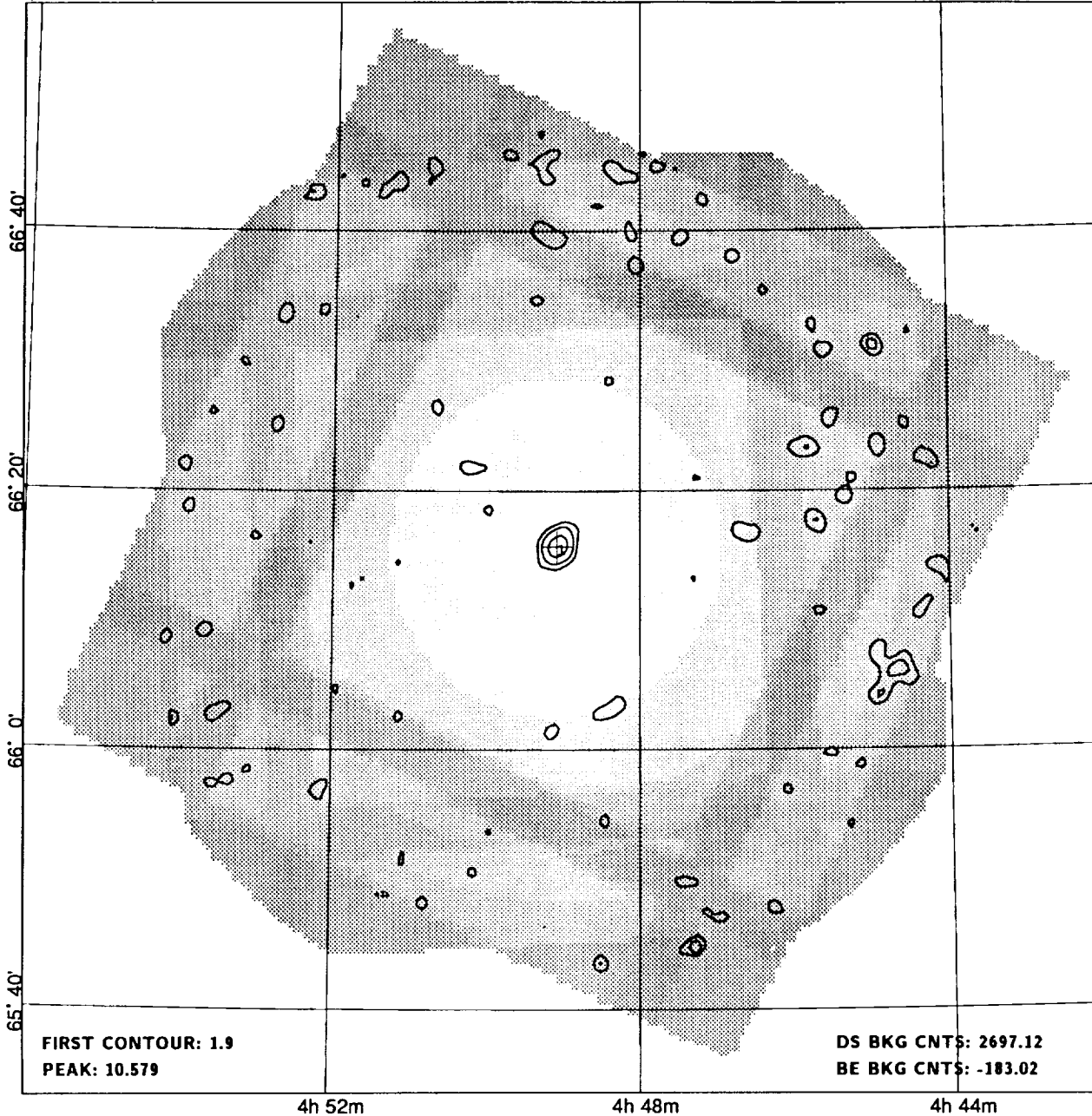
NH: $4.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1163	1	04 48 59.5	51 59 45	36	0.0241	0.0047	32.6	7.4	5.2	2.8	0	0.7	H	G

(4h 49m)

I 3127

(4h 49m)



CORONAL EMISSION FROM OB SUPERGIANTS: ALPHA CAM

FIELD CENTER: 04^h49^m03.8^s 66°15'35" (B1950)
 04^h54^m03.0^s 66°20'30" (J2000)
 l : 144.07 b : 14.04

DATE: 1979/ 85 - 1979/237
 LIVETIME: 2185.6s

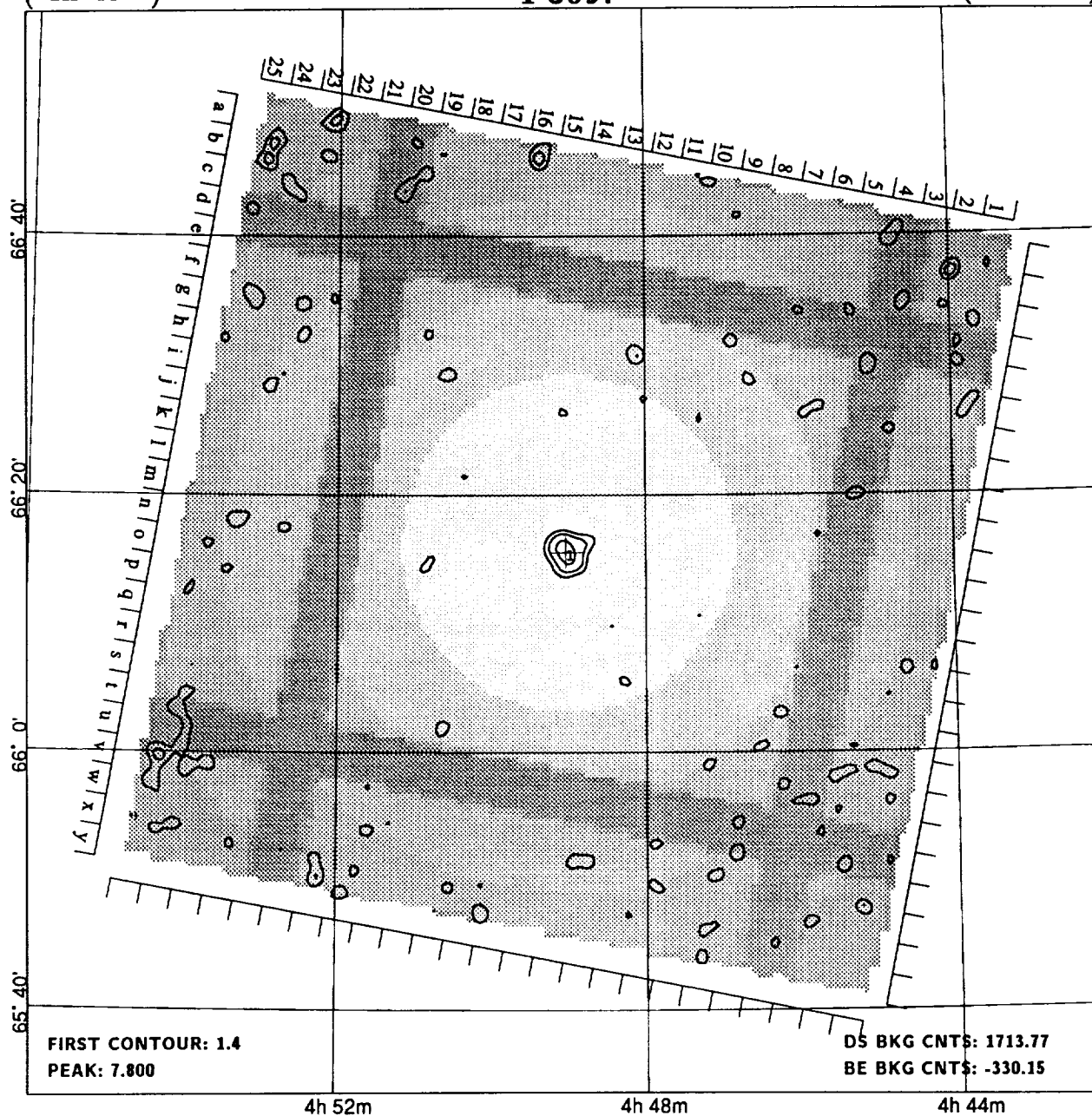
NH: 1.5E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1164	1	04 49 04.9	66 15 42	35	0.0294	0.0045	48.1	5.9	6.5	1.0	0	0.4	AH	S

(4h 49m)

I 5097

(4h 49m)



ALPHA CAM,VARIABILITY IN OB STARS

FIELD CENTER: $04^{\text{h}}49^{\text{m}}04.0^{\text{s}}$ $66^{\circ}15'38''$ (B1950)
 $04^{\text{h}}54^{\text{m}}03.2^{\text{s}}$ $66^{\circ}20'33''$ (J2000)
 $l: 144.07$ $b: 14.04$

DATE: 1980/ 72 - 1980/ 72
 LIVETIME: 1438.6s
 ROLL ANGLE: 100.8°

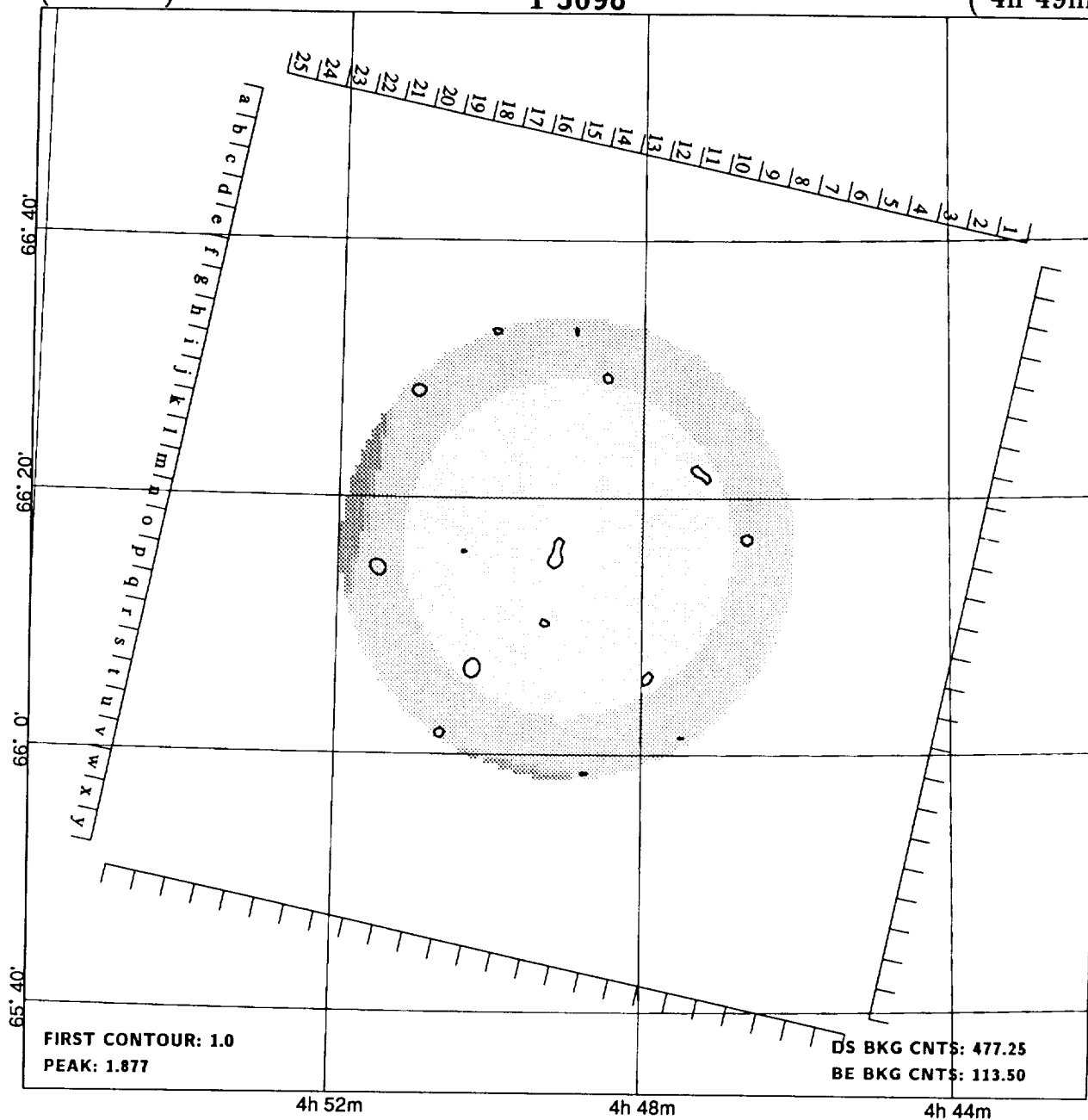
NH: $1.5\text{E}+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1164	1	04 49 02.6	66 15 34	35	0.0355	0.0060	38.0	3.0	5.9	1.2	0	0.4	AH	S

(4h 49m)

I 5098

(4h 49m)



ALPHA CAM,VARIABILITY IN OB STARS

FIELD CENTER: 04^h49^m04.0^s 66°15'38" (B1950)
 04^h54^m03.2^s 66°20'33" (J2000)
 ℓ : 144.07 b : 14.04

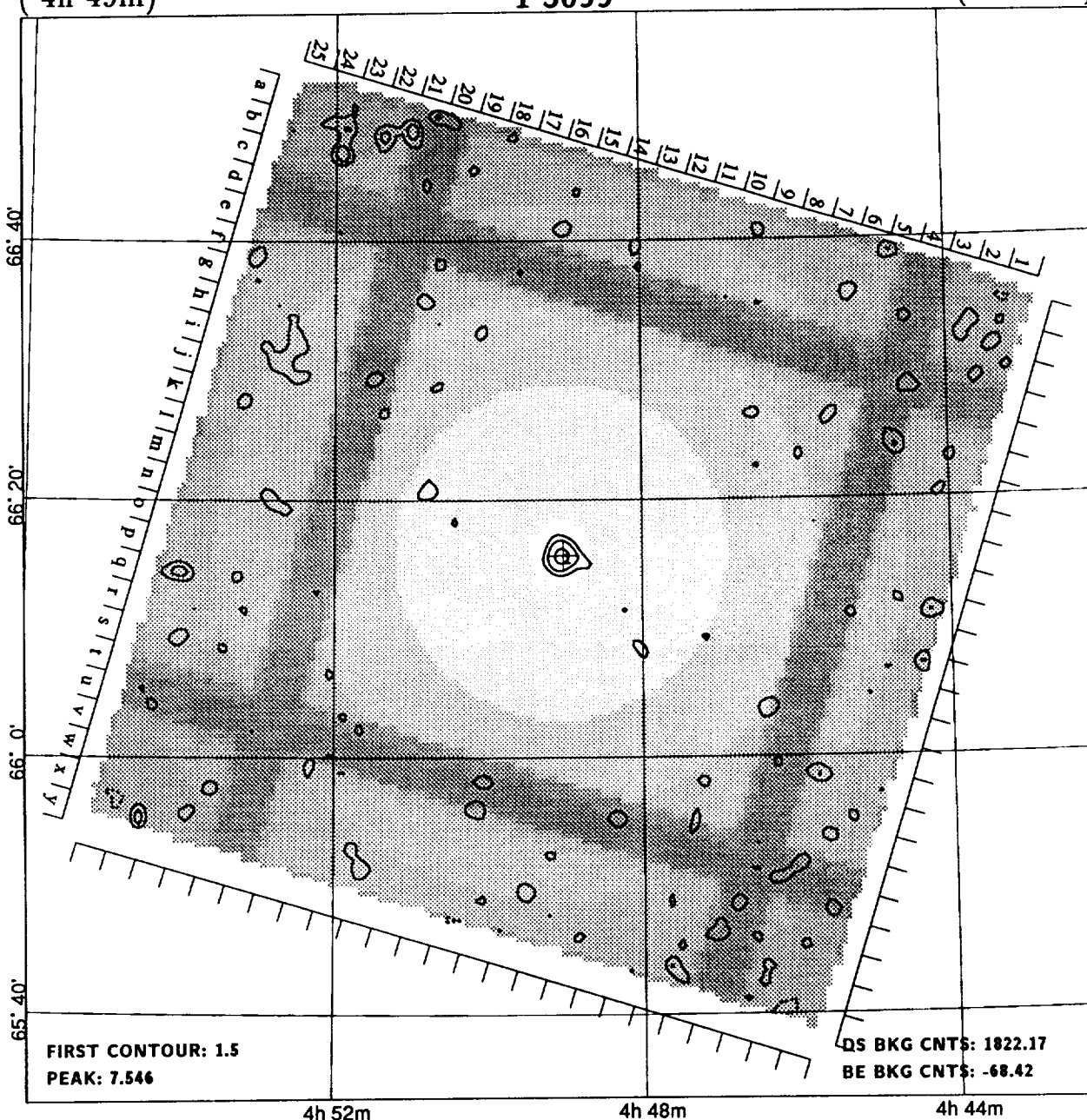
DATE: 1980/ 74 - 1980/ 74
 LIVETIME: 400.6s
 ROLL ANGLE: 102.2°

NH: 1.5E+21
 REF/ID:
 FIELD FLAGS: C

(4h 49m)

I 5099

(4h 49m)



FIELD CENTER: 04^h 49^m 04.0^s 66° 15' 38" (B1950)
04^h 54^m 03.2^s 66° 20' 33" (J2000)
l: 144.07 b: 14.04

DATE: 1980/ 81 - 1980/ 81
LIVETIME: 1529.6s
ROLL ANGLE: 106.7°

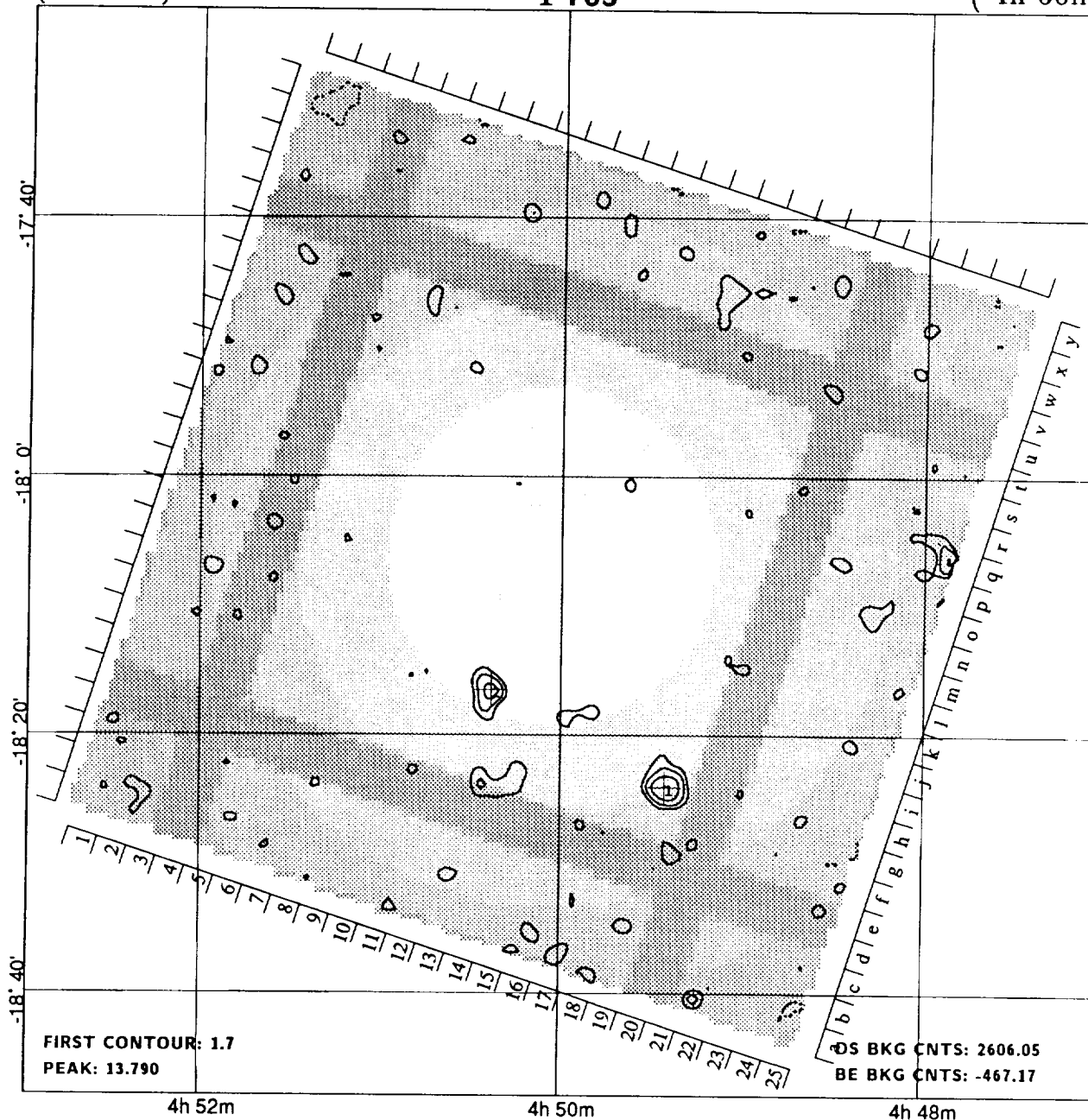
NH: 1.5E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1164	1	04 49 01.8	66 15 41	36	0.0244	0.0050	27.8	4.2	4.9	0.9	0	0.2	AH	S

(4h 50m)

I 785

(4h 50m)



PSR 0450-18 RADIO PULSARS, SEARCH FOR X-RAY EMISSION

FIELD CENTER: $04^{\text{h}}50^{\text{m}}00.0^{\text{s}}$ $-18^{\circ}05'59''$ (B1950)
 $04^{\text{h}}52^{\text{m}}12.9^{\text{s}}$ $-18^{\circ}01'02''$ (J2000)
 $\ell: 217.07$ $b: -34.17$

DATE: 1979/229 - 1979/229
LIVETIME: 2111.7s
ROLL ANGLE: -72.1°

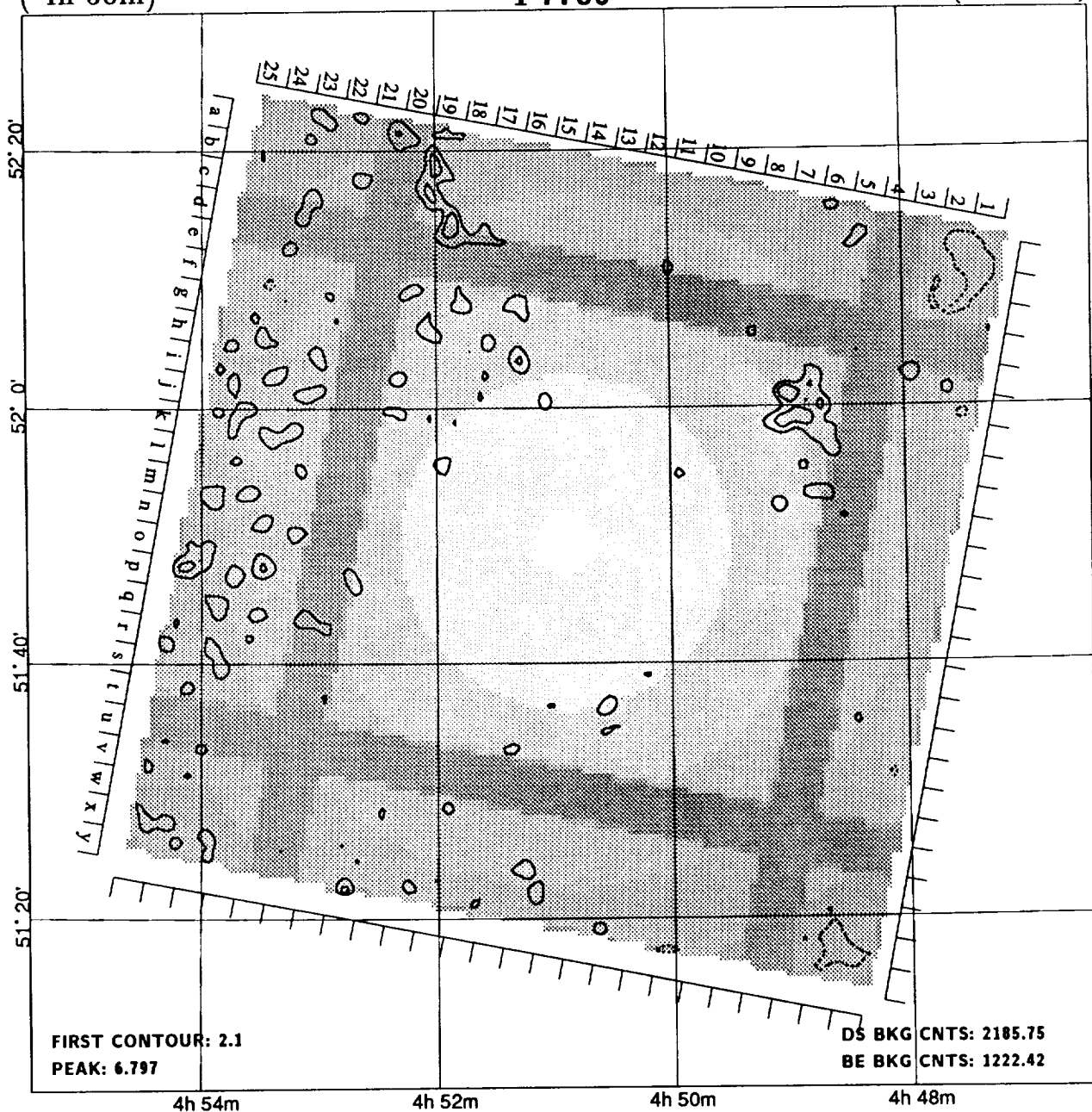
NH: $3.9\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1166	1	04 49 25.3	-18 23 59	50	0.0343	0.0059	37.1	3.9	5.8	1.0	0	19.4	H	AGN
1167	2	04 50 23.2	-18 16 30	42	0.0185	0.0040	25.5	4.5	4.6	0.9	0	11.9	H	AGN

(4h 50m)

I 7786

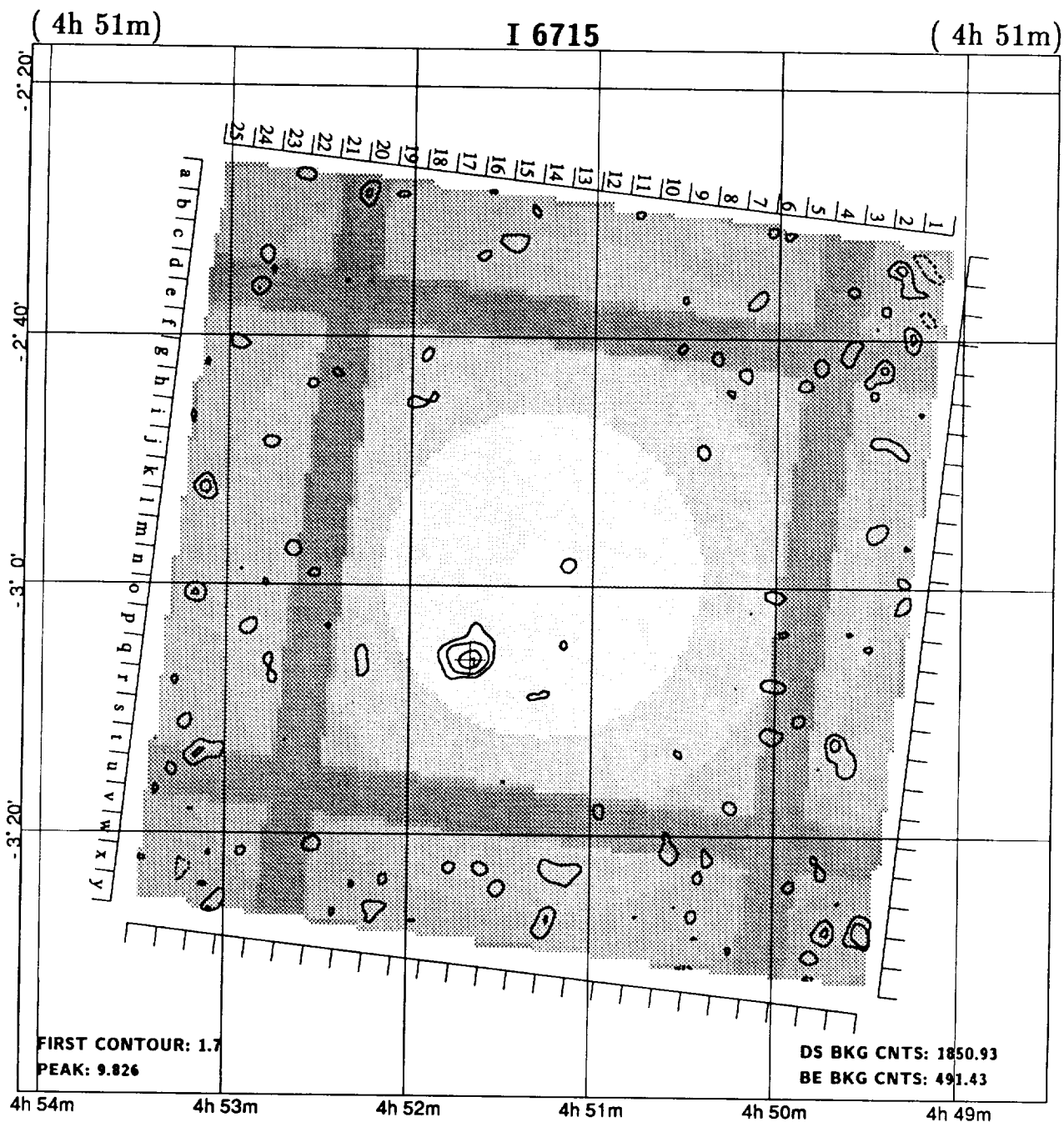
(4h 50m)



FIELD CENTER: 04^h50^m57.0^s 51°48'59" (B1950)
04^h54^m52.2^s 51°53'49" (J2000)
 l : 155.70 b : 5.24

DATE: 1980/ 74 - 1980/ 74
LIVETIME: 1771.2s
ROLL ANGLE: 100.8°

NH: 4.0E+21
REF/ID:
FIELD FLAGS: L



SEYFERT SURVEY: NGC 1685 (H0447-037)

FIELD CENTER: $04^h 51^m 18.0^s$ $-02^\circ 58' 59''$ (B1950)
 $04^h 53^m 48.4^s$ $-02^\circ 54' 09''$ (J2000)
 $l: 201.34$ $b: -27.36$

DATE: 1980/ 63 - 1980/ 63
 LIVETIME: 1499.9s
 ROLL ANGLE: 96.4°

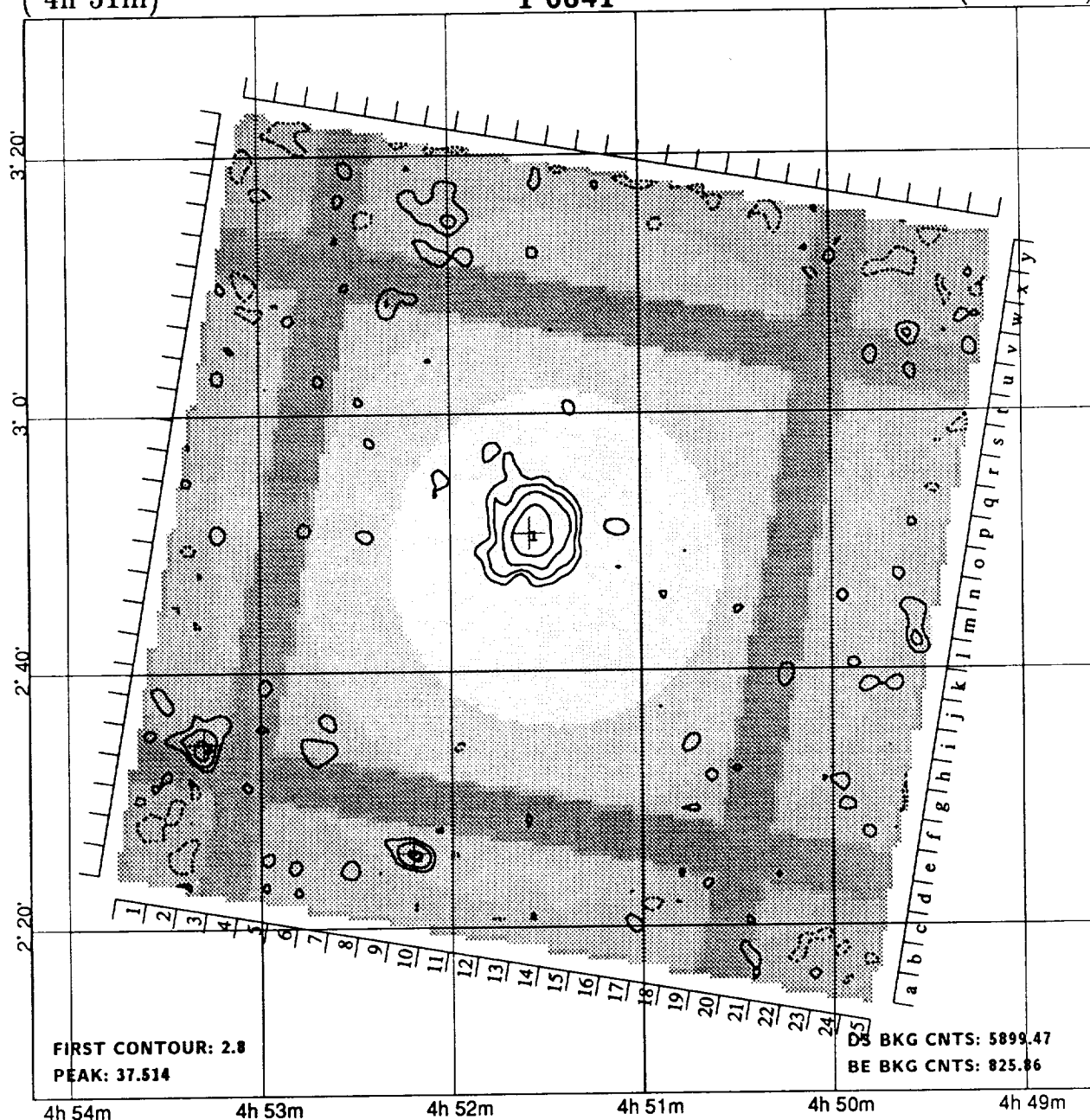
NH: $4.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1170	1	04 51 40.0	-03 05 56	41	0.0352	0.0063	35.7	5.3	5.6	1.2	0	8.9	H	

(4h 51m)

I 6841

(4h 51m)



A520, OBSERVATIONS OF BUTCHER-OEMLER CLUSTERS

FIELD CENTER: 04^h51^m24.0^s 02°48'59" (B1950)
 04^h54^m00.9^s 02°53'50" (J2000)
 l : 195.81 b : -24.37

DATE: 1980/240 - 1980/240
 LIVETIME: 4780.5s
 ROLL ANGLE: -80.4°

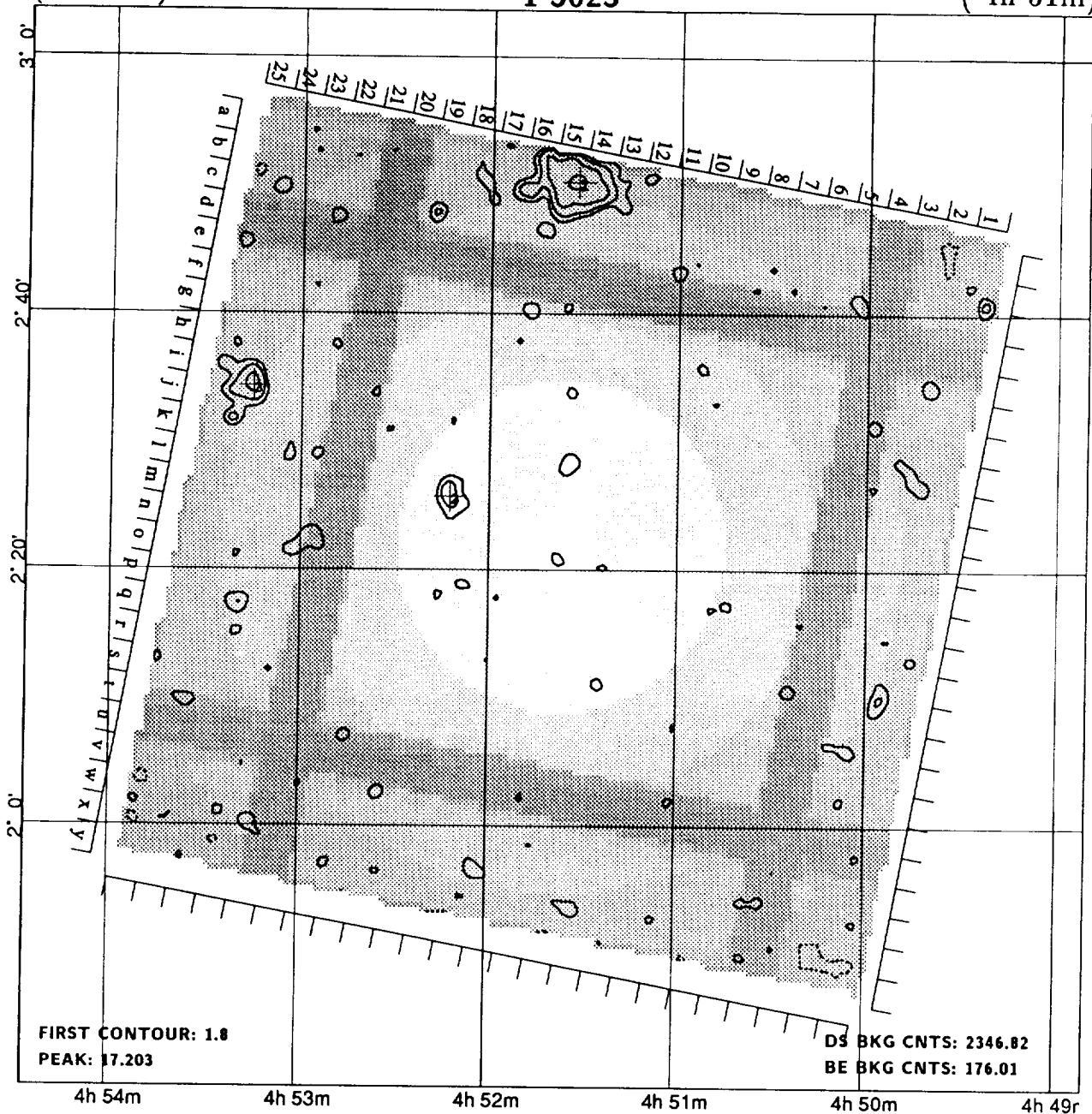
NH: 7.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1169	1	04 51 35.1	02 50 41	31	0.0536	0.0041	187.4	15.6	13.1	2.9	0	3.3	AH	CLG
1173	2	04 52 12.2	02 25 44	51	0.0128	0.0031	25.9	12.1	4.2	0.9	0	26.4	AH	
1182	3	04 53 17.8	02 34 24	55	*0.0166	0.0036	26.3	6.7	4.6	1.2	1007	32.1	AH	

(4h 51m)

I 5025

(4h 51m)



STAR PIS ORI

FIELD CENTER: $04^{\text{h}}51^{\text{m}}38.7^{\text{s}}$ $02^{\circ}21'36''$ (B1950)
 $04^{\text{h}}54^{\text{m}}15.1^{\text{s}}$ $02^{\circ}26'26''$ (J2000)
 $l: 196.27$ $b: -24.56$

DATE: 1980/ 61 - 1980/ 61
 LIVETIME: 1901.7s
 ROLL ANGLE: 100.6°

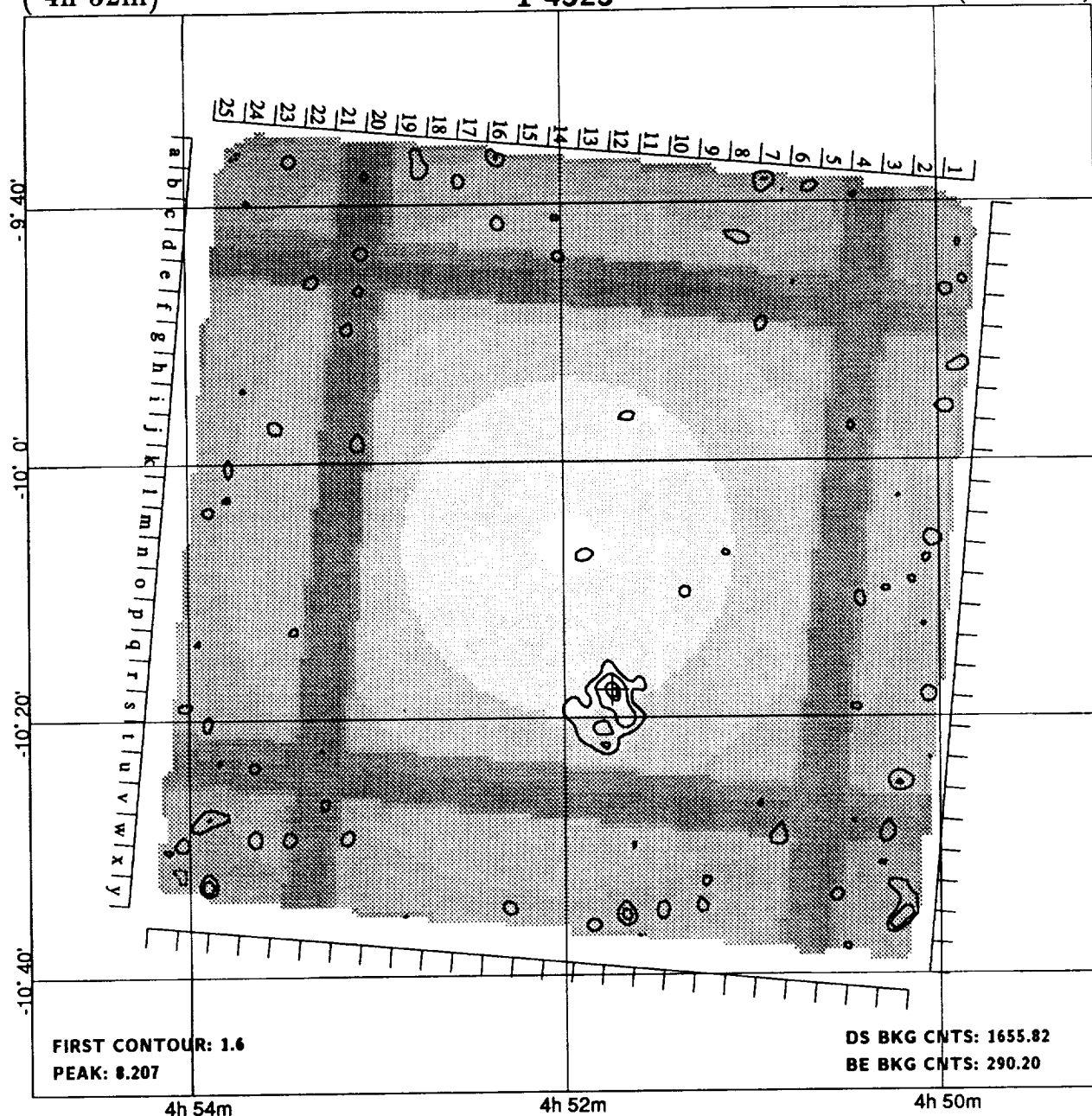
NH: $7.4\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1169	1	04 51 32.5	02 50 16	51	0.0548	0.0092	38.9	4.1	5.9	2.3	100	29.0	AH	CLG
1173	2	04 52 12.5	02 25 46	46	0.0137	0.0038	17.5	5.5	3.6	0.8	0	9.7	AH	
1182	3	04 53 15.2	02 34 22	55	0.0269	0.0067	19.8	4.2	4.0	1.1	0	27.3	AH	

(4h 52m)

I 4525

(4h 52m)



CLUSTER A 521

FIELD CENTER: $04^h 52^m 00.0^s$ $-10^\circ 06' 59''$ (B1950)
 $04^h 54^m 22.3^s$ $-10^\circ 02' 11''$ (J2000)
 $l: 208.64$ $b: -30.52$

DATE: 1980/ 65 - 1980/ 65
 LIVETIME: 1341.8s
 ROLL ANGLE: 95.2°

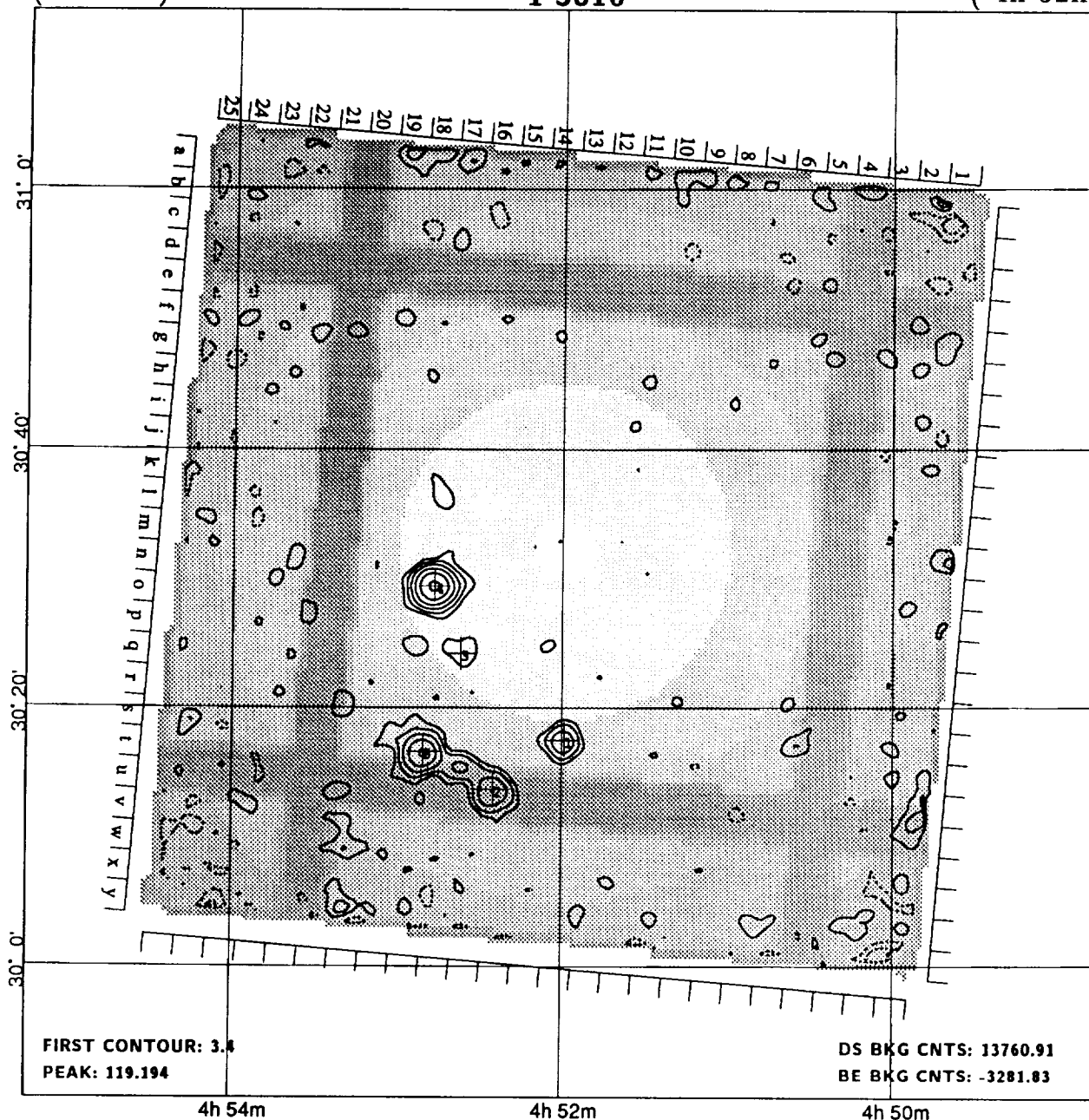
NH: $5.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1171	1	04 51 44.6	-10 17 47	42	0.0314	0.0066	27.1	4.9	4.8	2.3	0	11.0	H	CLG

(4h 52m)

I 3810

(4h 52m)



FIELD CENTER: 04^h52^m00.0^s 30°31'47" (B1950)
04^h55^m11.5^s 30°36'34" (J2000)
 l : 172.38 b : -8.04

DATE: 1980/ 51 - 1980/ 52
LIVETIME: 11150.8s
ROLL ANGLE: 94.8°

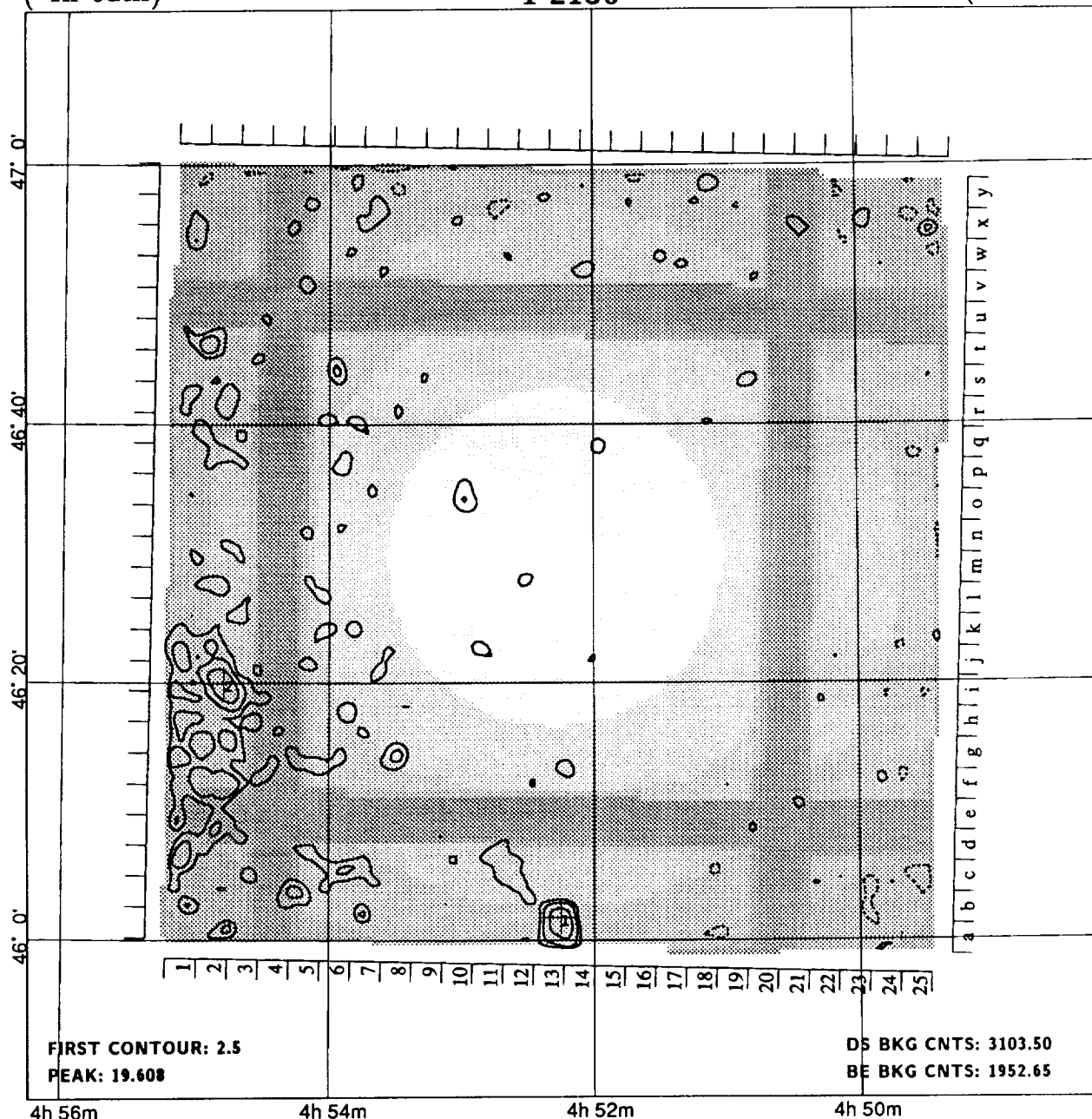
NH: 2.8E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1172	1	04 51 59.1	30 17 28	41	0.0100	0.0014	66.6	21.4	7.1	0.9	0	14.3	H
1175	2	04 52 25.0	30 13 42	50	*0.0133	0.0016	77.7	14.3	8.1	3.8	1609	19.1	
1178	3	04 52 37.0	30 24 10	47	0.00354	0.00095	25.7	22.3	3.7	0.8	0	11.1	
1180	4	04 52 46.7	30 29 23	37	0.0557	0.0028	409.7	20.3	19.8	1.1	0	10.3	H
1181	5	04 52 50.6	30 16 35	48	0.0262	0.0022	153.7	17.3	11.8	1.9	600	18.7	H

(4h 52m)

I 2150

(4h 52m)



X-RAY STUDY OF SUPERNOVA REMNANTS: G160.5+2.0=HB9

FIELD CENTER: $04^{\text{h}}52^{\text{m}}12.9^{\text{s}}$ $46^{\circ}29'59''$ (B1950)
 $04^{\text{h}}55^{\text{m}}54.2^{\text{s}}$ $46^{\circ}34'44''$ (J2000)
 $l: 159.96$ $b: 2.05$

DATE: 1979/238 - 1979/238

NH: $5.4\text{E}+21$

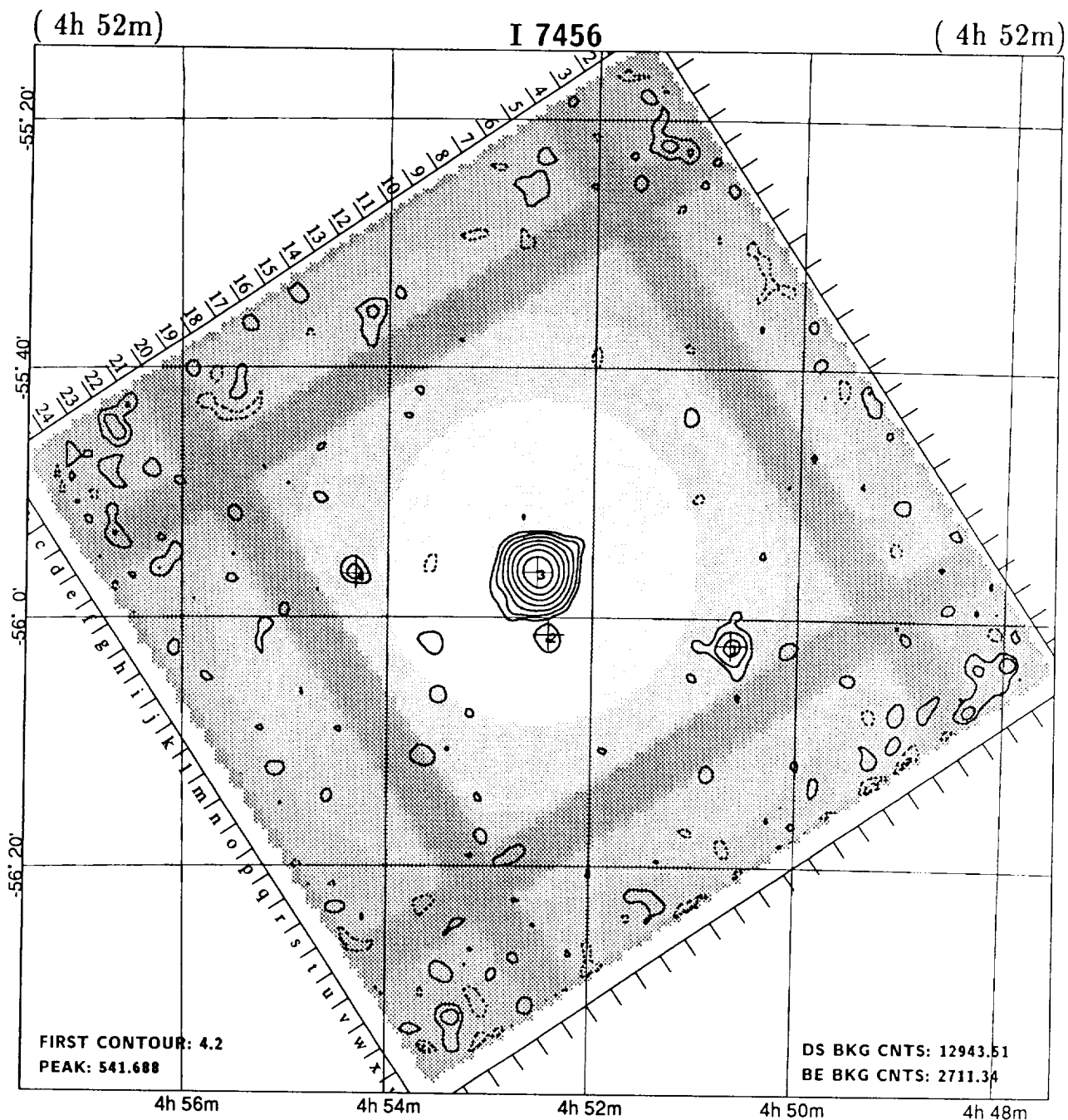
LIVETIME: 2514.9s

REF/ID:

ROLL ANGLE: -88.7°

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1174	1	04 52 15.1	46 01 45	51	0.0401	0.0071	38.5	8.5	5.6	1.2	0	28.1	
1187	2	04 54 47.6	46 19 58	50	0.0423	0.0072	41.3	7.7	5.9	4.3	0	28.4	H



H0449-55, TRANSIENT X-RAY SOURCE

FIELD CENTER: 04^h 52^m 31.0^s -55° 56' 26" (B1950)
04^h 53^m 30.2^s -55° 51' 37" (J2000)
 l : 264.27 b : -38.55

DATE: 1980/ 99 - 1980/100
LIVETIME: 10488.5s
ROLL ANGLE: 56.2°

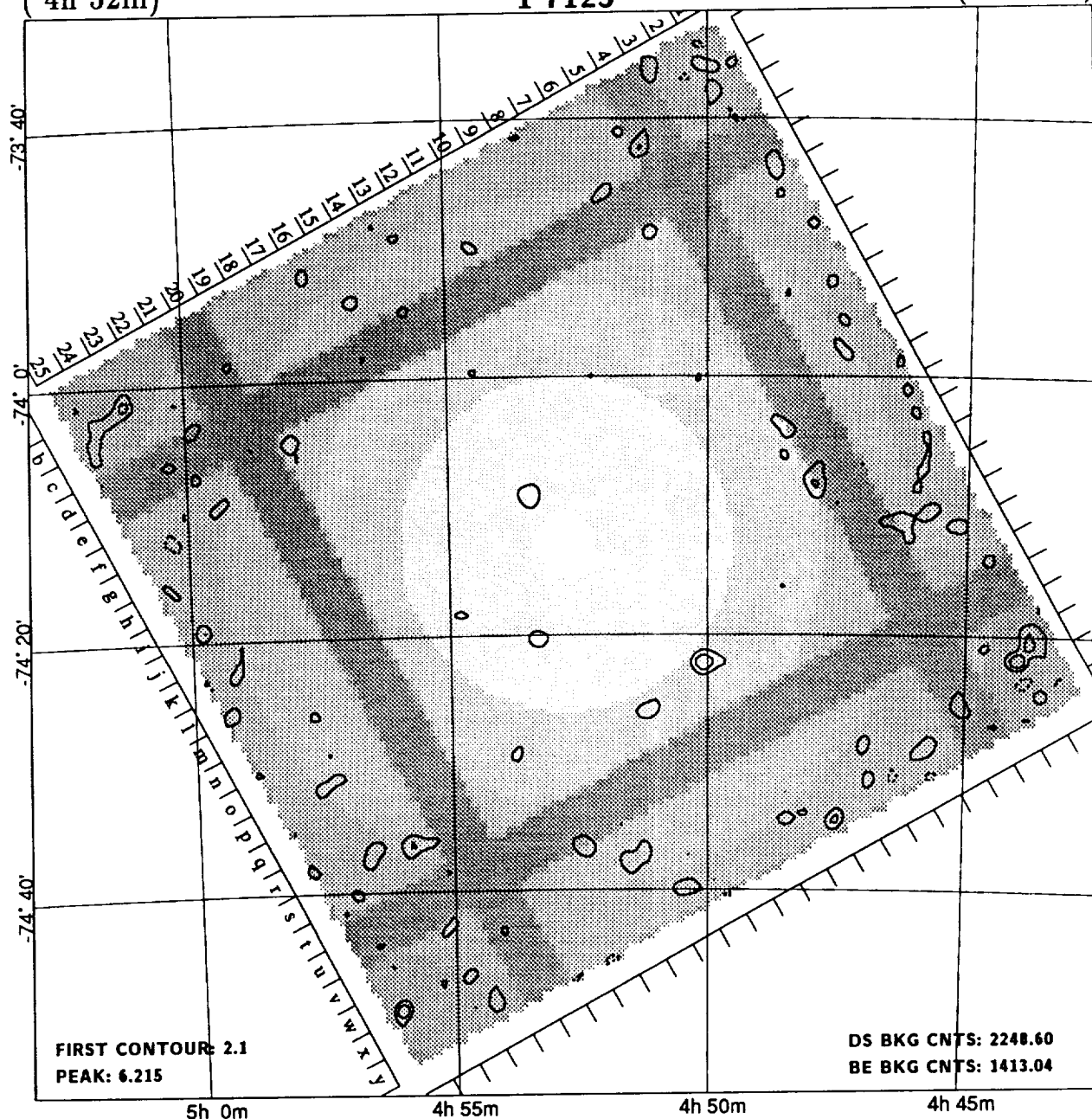
NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1168	1	04 50 38.9	-56 02 10	50	0.0109	0.0017	64.3	32.7	6.5	1.1	0	16.5	H	
1176	2	04 52 25.5	-56 01 24	37	0.0045	0.0011	33.4	36.6	4.0	0.6	0	5.0	H	
1177	3	04 52 32.4	-55 56 17	31	0.3046	0.0063	2382.2	40.8	48.4	1.4	0	0.2	H	
1186	4	04 54 18.8	-55 56 26	51	0.0058	0.0013	35.7	32.3	4.3	0.7	0	15.1		

(4h 52m)

I 7125

(4h 52m)



H0452-742, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: $04^{\text{h}}52^{\text{m}}45.6^{\text{s}}$ $-74^{\circ}13'47''$ (B1950)
 $04^{\text{h}}51^{\text{m}}33.6^{\text{s}}$ $-74^{\circ}08'54''$ (J2000)
 $l: 286.34$ $b: -34.06$

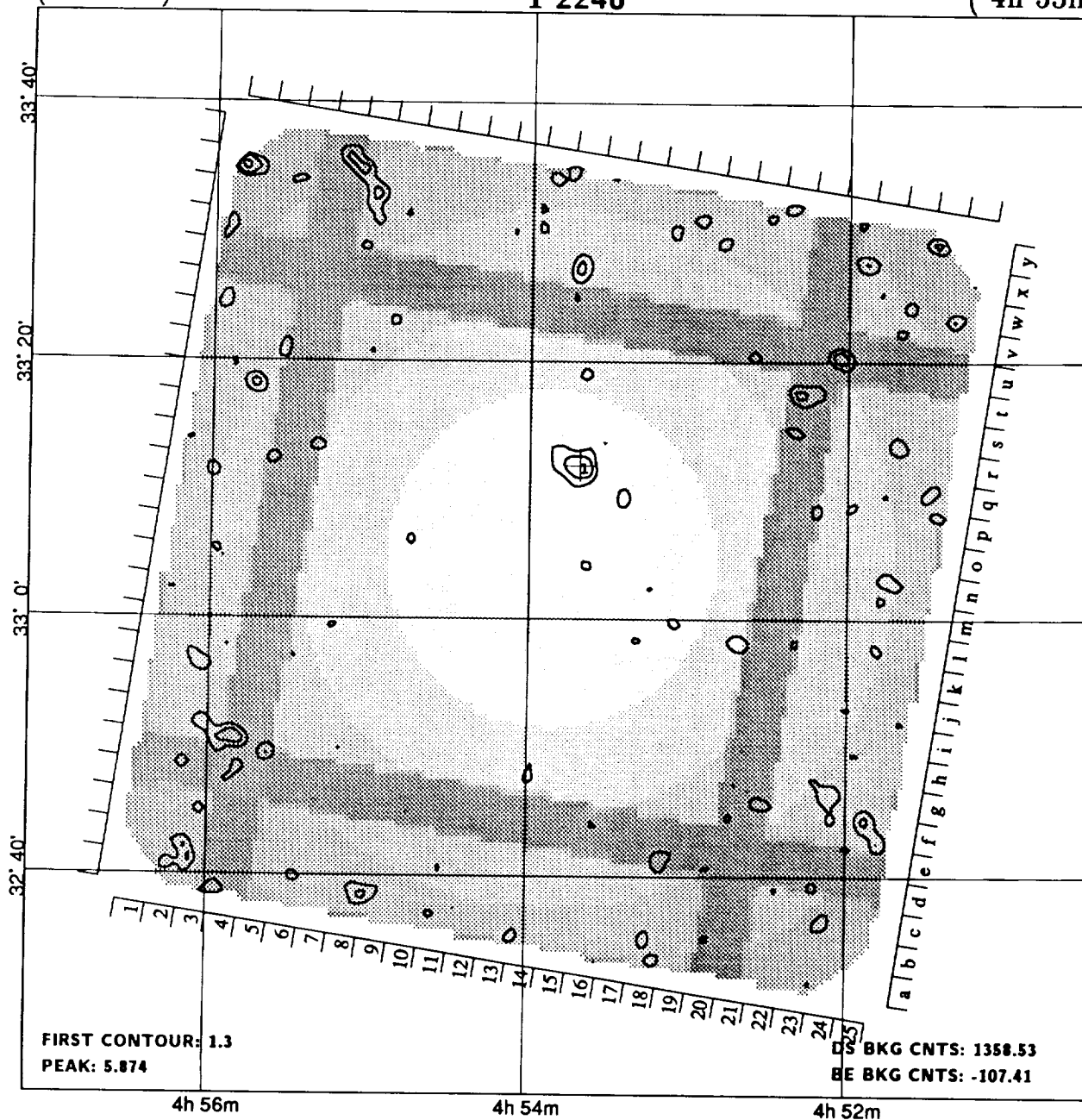
DATE: 1980/102 - 1980/103
LIVETIME: 1887.6s
ROLL ANGLE: 61.7°

NH: $7.7\text{E}+20$
REF/ID:
FIELD FLAGS:

(4h 53m)

I 2248

(4h 53m)



STELLAR SURVEY-LATE TYPE STARS: HD31398=IOTA AUR

FIELD CENTER: $04^h 53^m 48.0^s$ $33^\circ 04' 59''$ (B1950)
 $04^h 57^m 03.6^s$ $33^\circ 09' 38''$ (J2000)
 $l: 170.60$ $b: -6.15$

DATE: 1979/264 - 1979/264
 LIVETIME: 1100.9s
 ROLL ANGLE: -81.2°

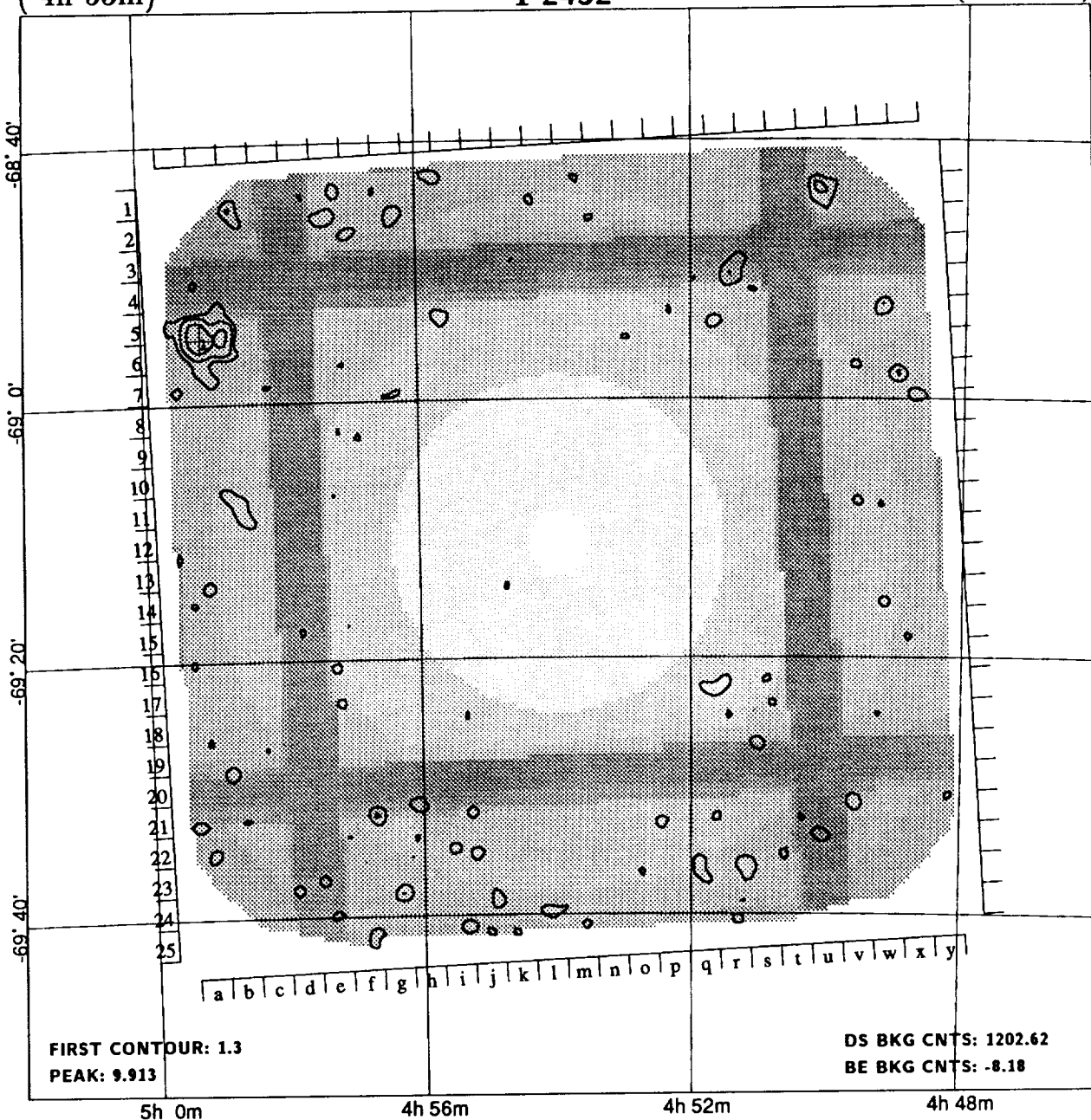
NH: $3.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1183	1	04 53 41.0	33 11 55	43	0.0225	0.0059	17.1	2.9	3.8	1.0	0	7.2	H	

(4h 53m)

I 2432

(4h 53m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $04^{\text{h}}53^{\text{m}}55.2^{\text{s}}$ $-69^{\circ}11'59''$ (B1950)
 $04^{\text{h}}53^{\text{m}}40.6^{\text{s}}$ $-69^{\circ}07'13''$ (J2000)
 ℓ : 280.49 b : -35.59

DATE: 1979/166 - 1979/166
 LIVETIME: 974.5s
 ROLL ANGLE: -2.8°

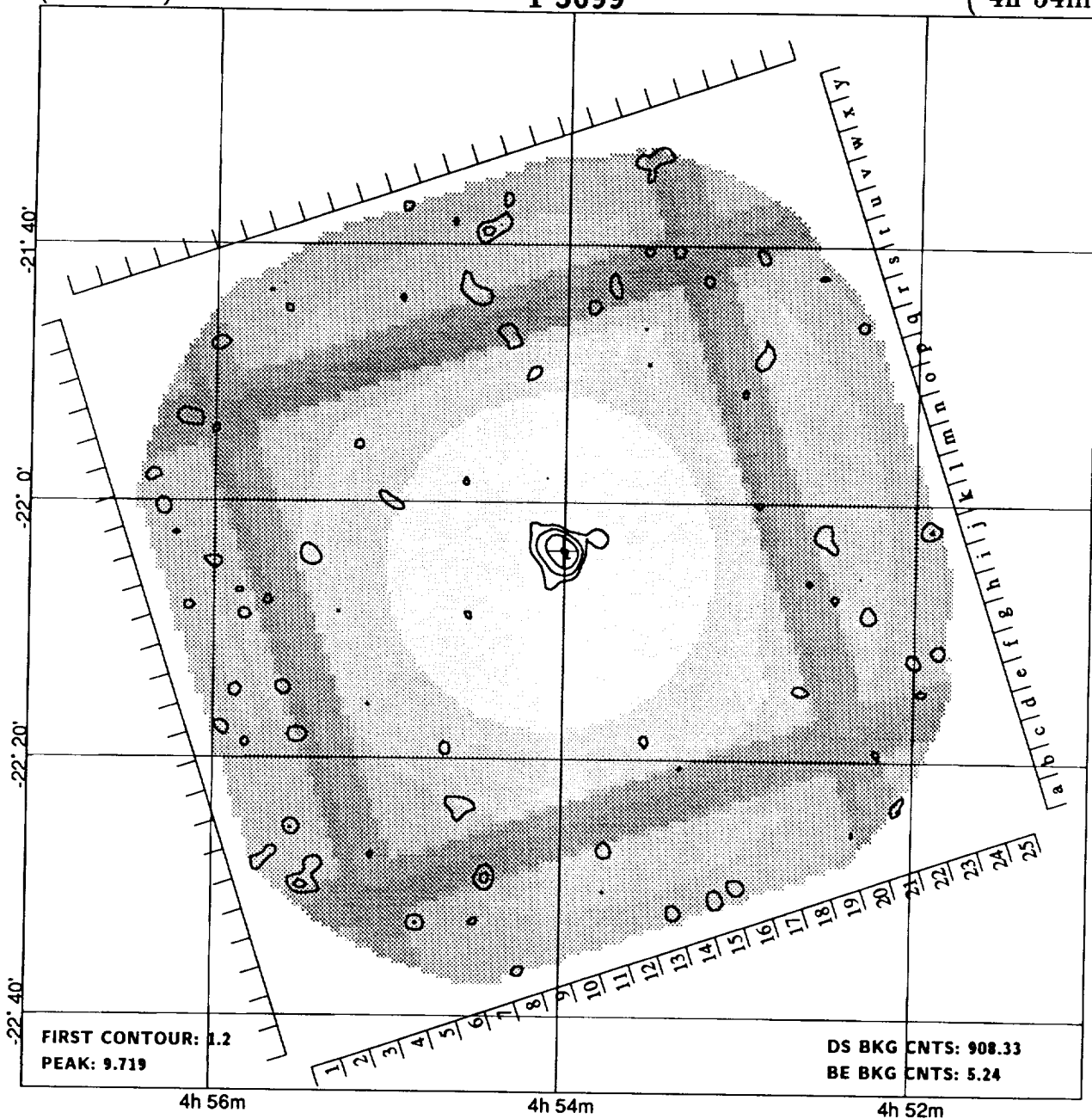
NH: $7.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1205	1	04 59 09.1	-68 54 56	55	0.058	0.014	17.5	1.5	4.0	1.6	500	33.1	A S

(4h 54m)

I 5699

(4h 54m)



BL LAC OBJECT

FIELD CENTER: $04^h 54^m 02.0^s$ $-22^\circ 03' 55''$ (B1950)
 $04^h 56^m 09.8^s$ $-21^\circ 59' 15''$ (J2000)
 $l: 221.98$ $b: -34.65$

DATE: 1980/282 - 1980/282
 LIVETIME: 736.1s
 ROLL ANGLE: -108.3°

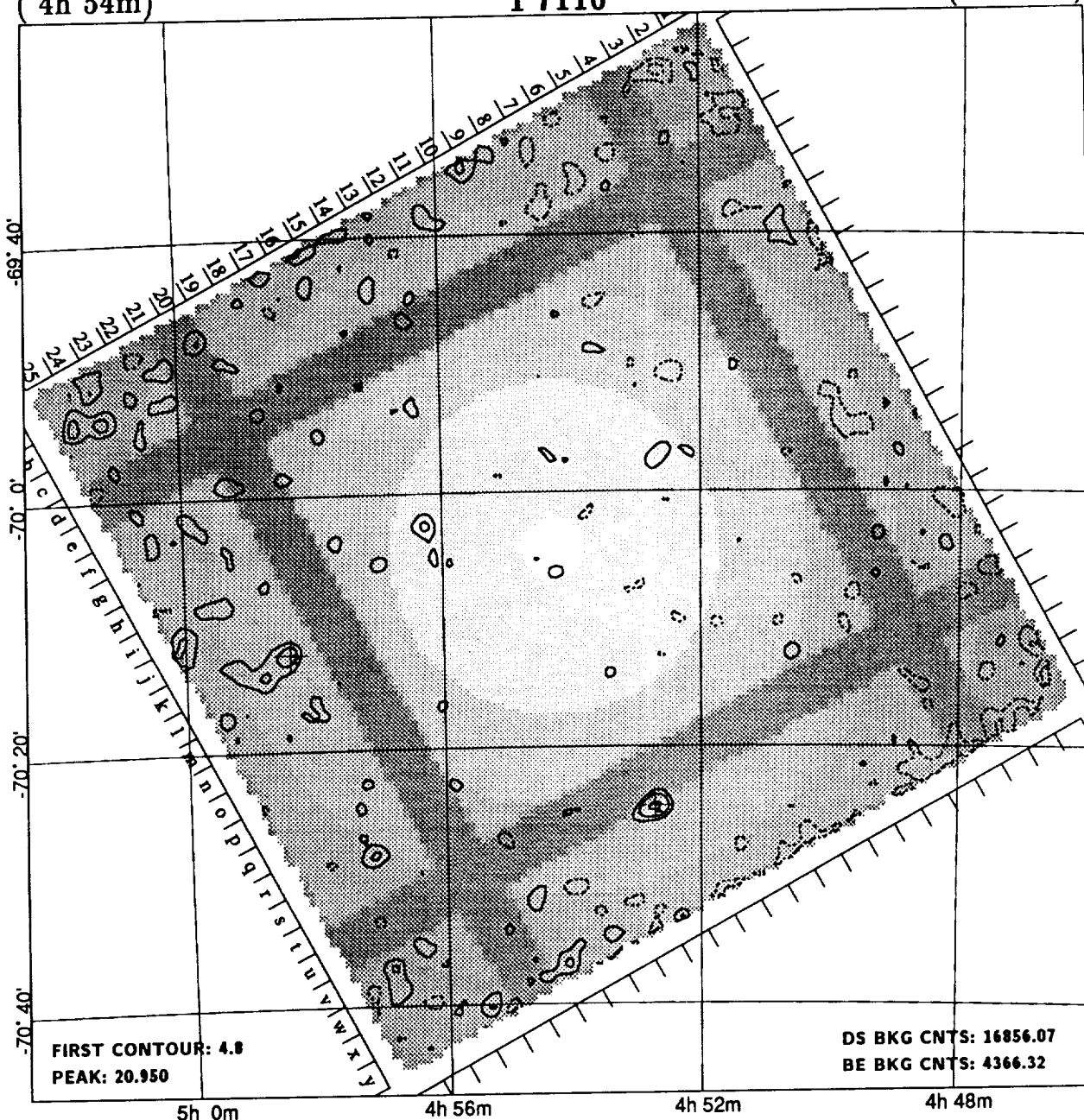
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1185	1	04 54 00.6	-22 03 44	35	0.080	0.012	43.7	2.3	6.4	1.3	0	0.4	H	BL

(4h 54m)

I 7110

(4h 54m)



N185

FIELD CENTER: 04^h54^m12.0^s -70°04'59" (B1950)
04^h53^m49.2^s -70°00'14" (J2000)
 l : 281.52 b : -35.30

DATE: 1980/ 93 - 1980/ 93
LIVETIME: 14149.5s
ROLL ANGLE: 61.6°

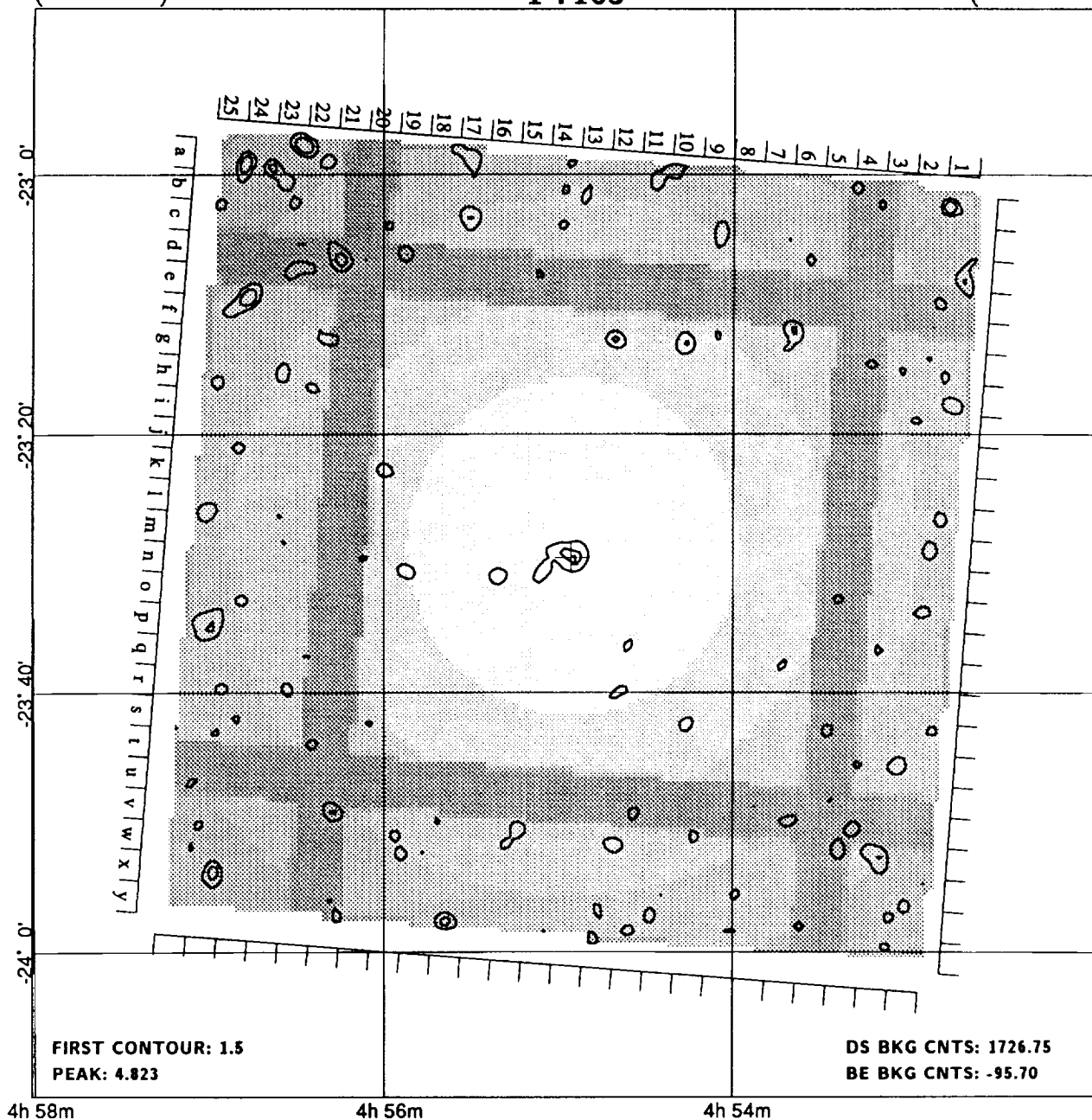
NH: 8.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1179	1	04 52 43.8	-70 24 36	51	*0.0074	0.0013	50.8	23.2	5.9	0.8	906	20.7	H
1200	2	04 58 23.2	-70 12 18	55	0.0047	0.0013	31.4	39.6	3.7	1.7	100	22.7	

(4h 54m)

I 7165

(4h 54m)

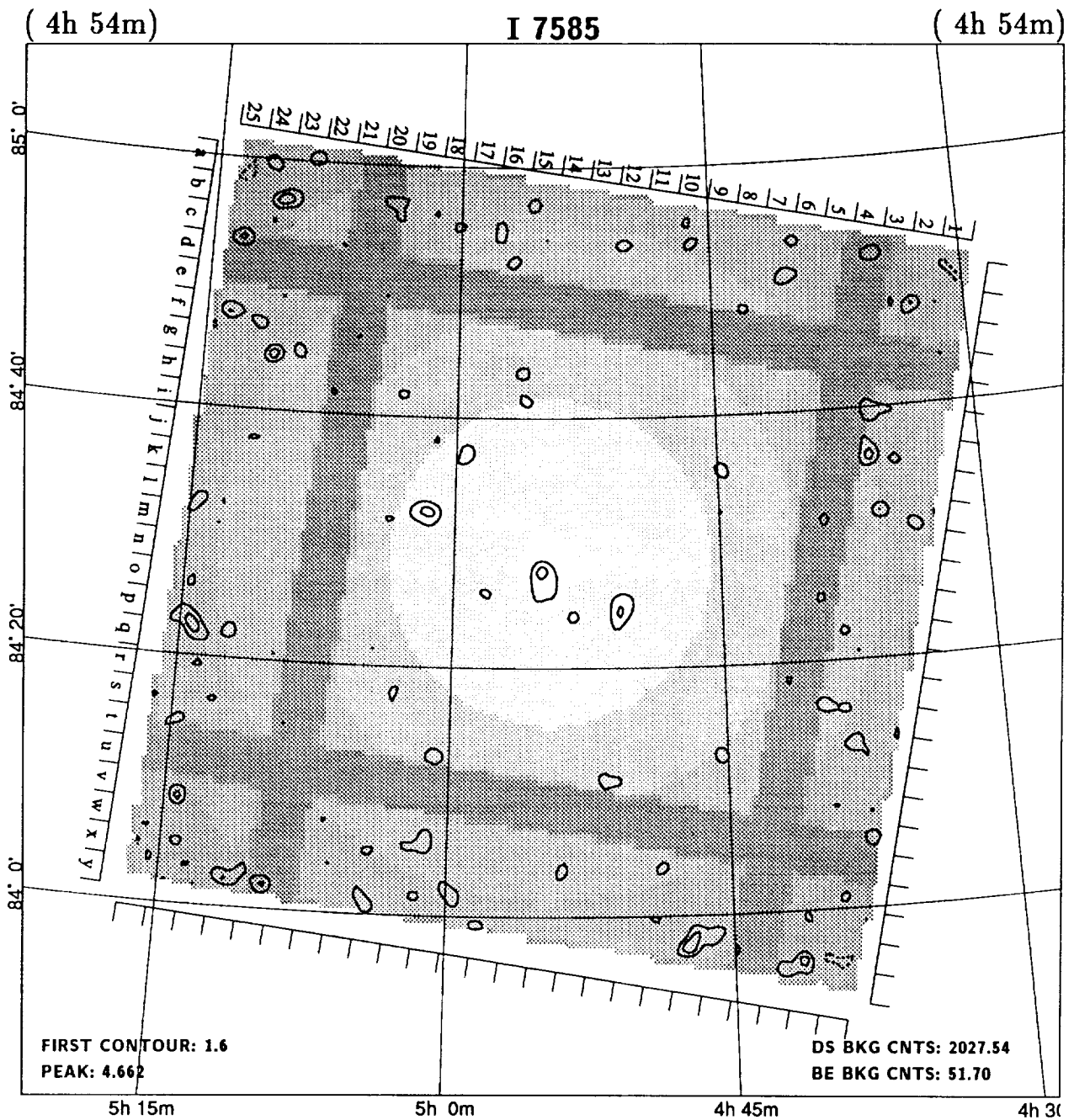


FIELD CENTER: 04^h54^m57.0^s -23°29'18" (B1950)
04^h57^m02.9^s -23°24'42" (J2000)
 ℓ : 223.71 b : -34.90

DATE: 1980/ 65 - 1980/ 65
LIVETIME: 1399.2s
ROLL ANGLE: 94.4°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1188	1	04 54 55.7	-23 29 28	41	0.0156	0.0043	16.2	3.8	3.6	0.9	0	0.4	

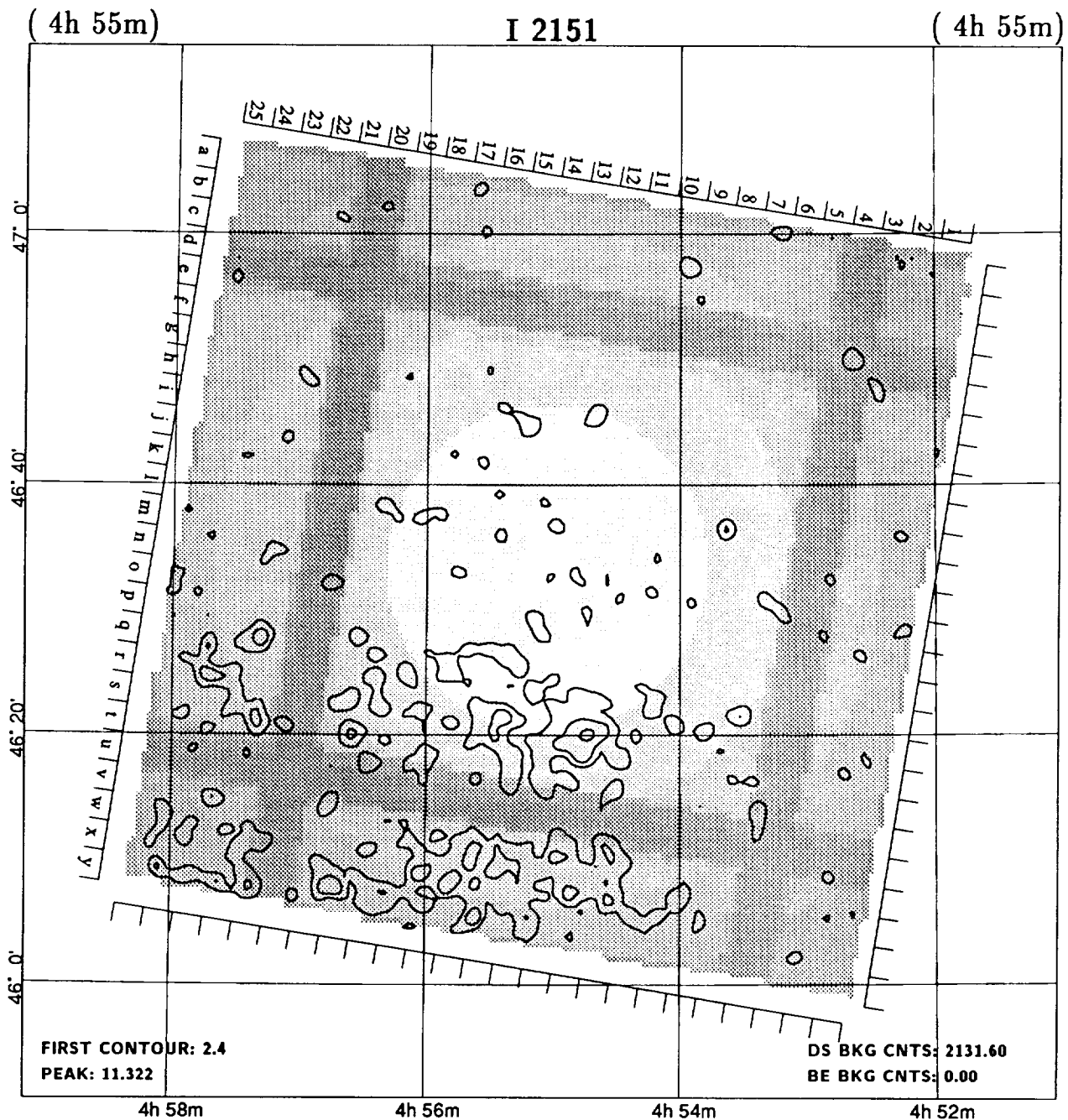


0454+84, RADIO SOURCES W/FLAT OR INVERTED SPECTRA

FIELD CENTER: 04^h54^m57.0^s 84°27'52" (B1950)
05^h08^m42.2^s 84°32'04" (J2000)
 l : 128.35 b : 24.66

DATE: 1980/ 72 - 1980/ 72
LIVETIME: 1702.0s
ROLL ANGLE: 98.9°

NH: 7.3E+20
REF/ID: BL
FIELD FLAGS:

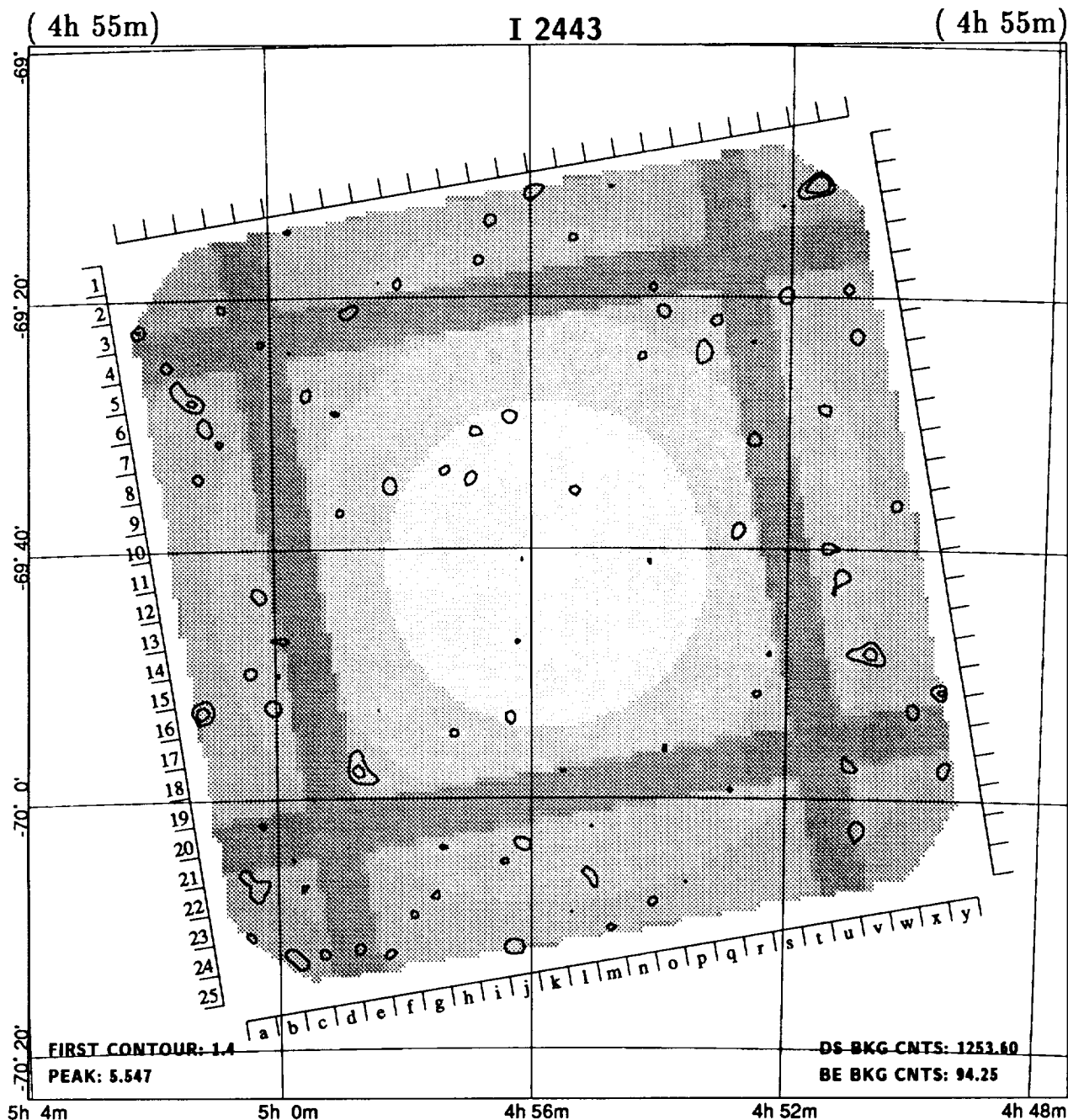


X-RAY STUDY OF SUPERNOVA REMNANTS: G160.5+2.8=HB9

FIELD CENTER: 04^h55^m06.0^s 46°32'59" (B1950)
04^h58^m47.7^s 46°37'31" (J2000)
 ℓ : 160.23 b : 2.46

DATE: 1980/ 73 - 1980/ 73
LIVETIME: 1727.3s
ROLL ANGLE: 99.2°

NH: 5.2E+21
REF/ID:
FIELD FLAGS: LS

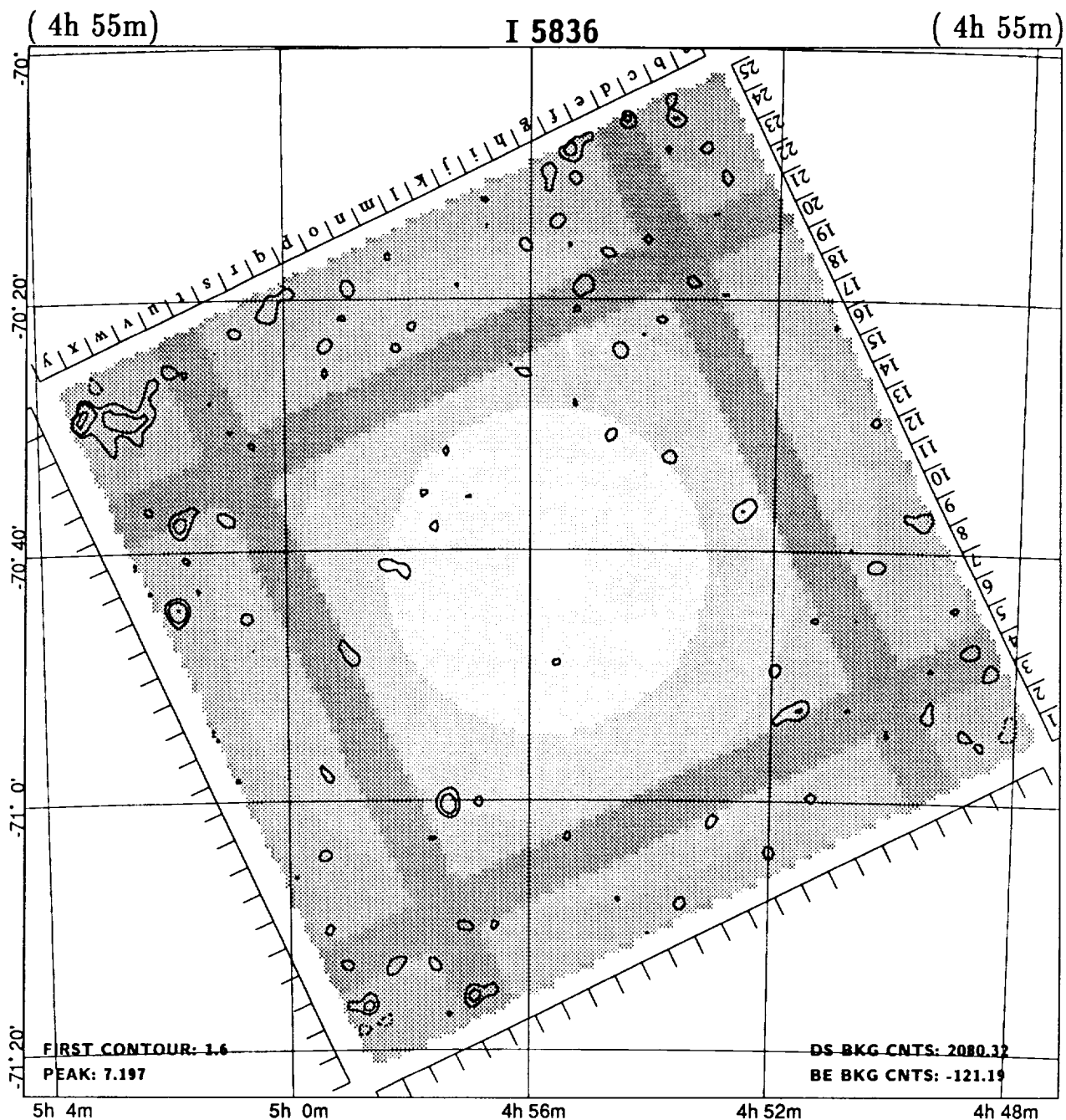


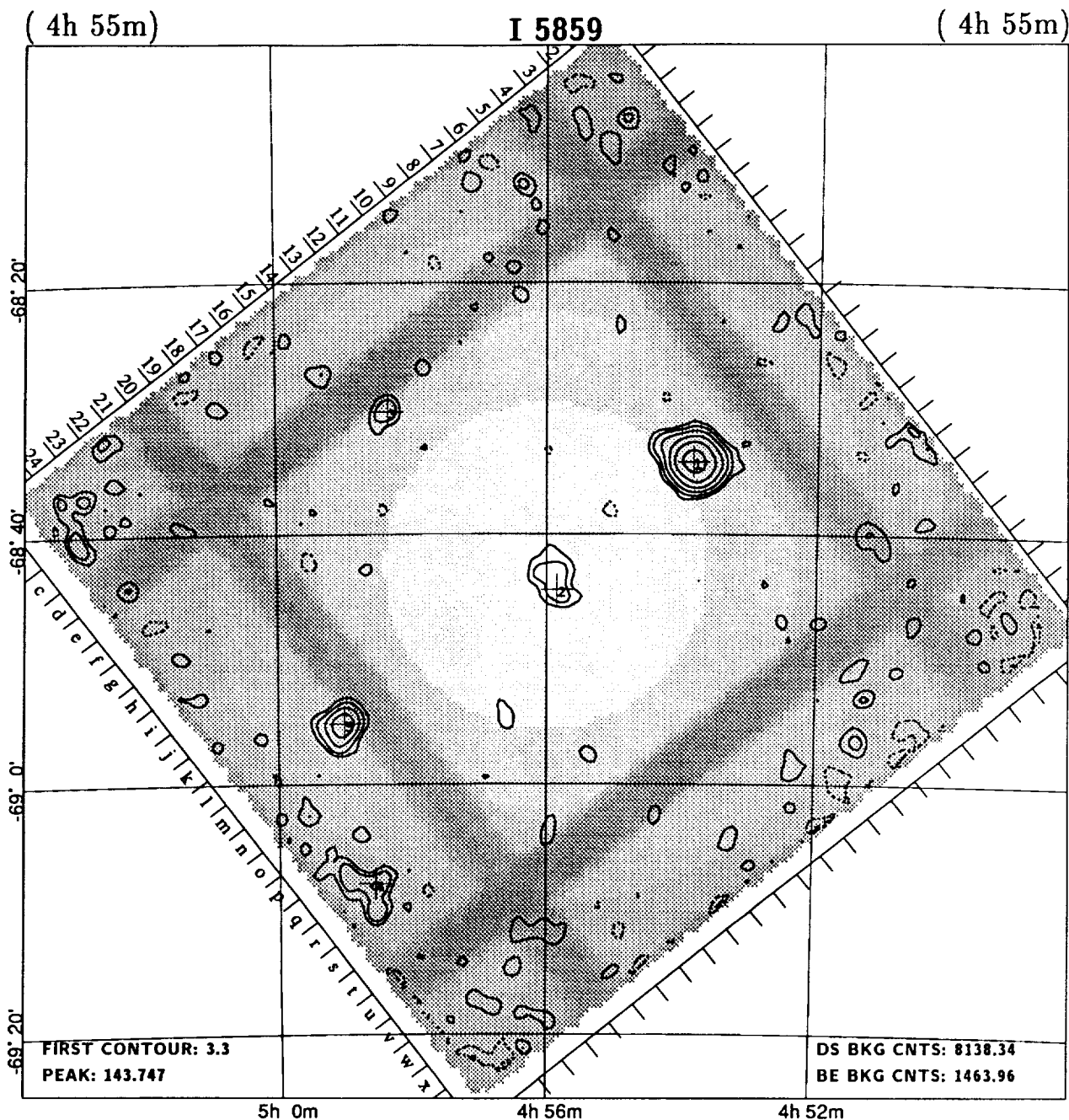
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 04^h55^m43.2^s -69°41'59" (B1950)
04^h55^m23.7^s -69°37'21" (J2000)
 l : 281.03 b : -35.29

DATE: 1979/167 - 1979/167
LIVETIME: 1015.8s
ROLL ANGLE: -9.5°

NH: 8.0E+20
REF/ID:
FIELD FLAGS:





LMC SNR FOLLOWUP: N86

FIELD CENTER: $04^h 55^m 59.9^s$ $-68^\circ 43' 07''$ (B1950)
 $04^h 55^m 49.0^s$ $-68^\circ 38' 30''$ (J2000)
 l : 279.86 b : -35.54

DATE: 1980/103 - 1980/104
 LIVETIME: 6831.6s
 ROLL ANGLE: 51.9°

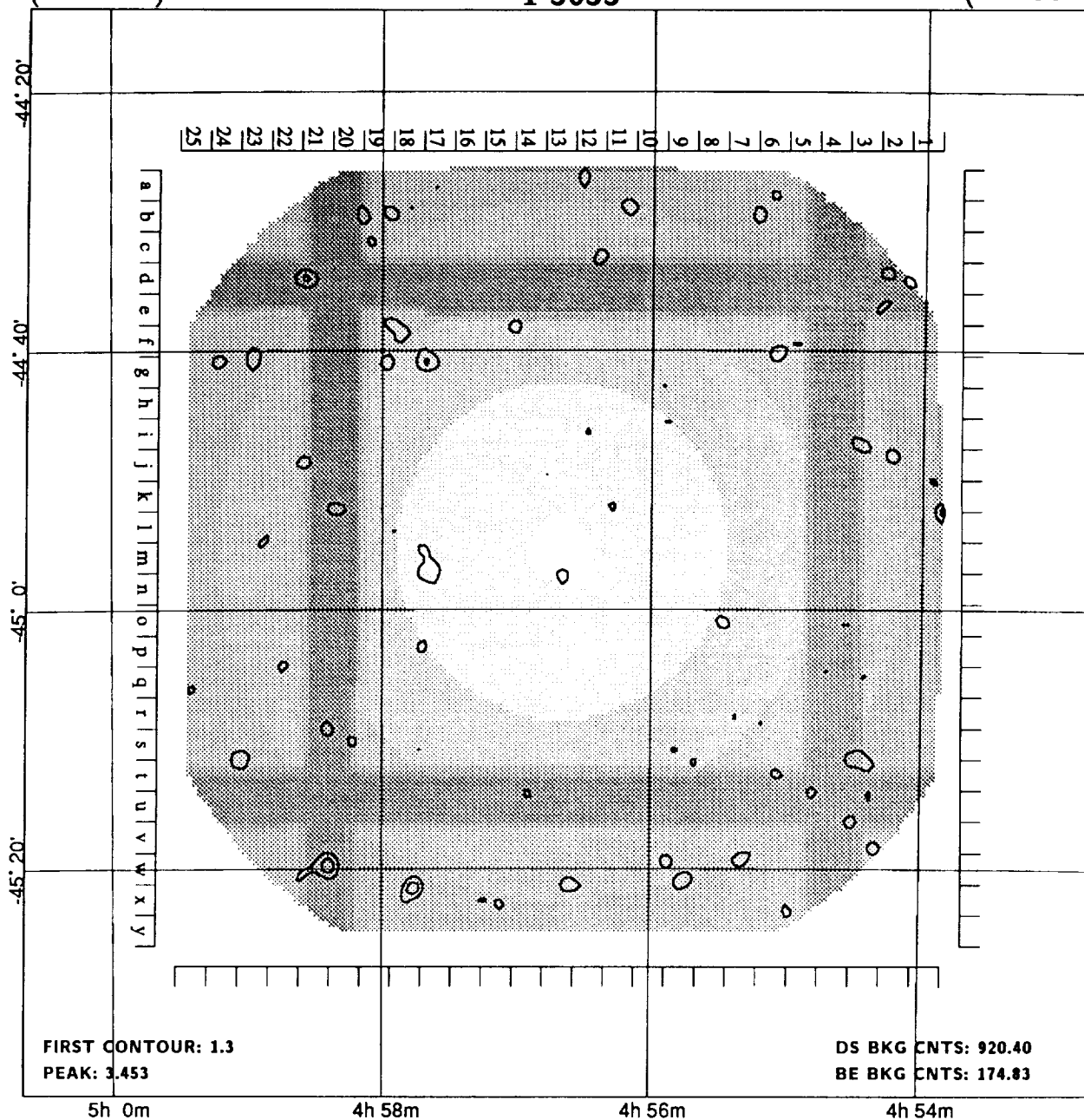
NH: $6.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1184	1	04 53 50.1	-68 34 16	37	0.1342	0.0058	551.0	19.0	23.1	1.4	0	14.9	H	SNR
1189	2	04 55 50.9	-68 44 24	35	0.0113	0.0018	56.9	24.1	6.3	1.4	0	0.8	H	SNR
1198	3	04 58 21.0	-68 30 16	51	*0.0085	0.0018	31.9	14.1	4.7	0.8	603	18.3	H	*
1202	4	04 58 33.9	-69 07 56	53	0.0106	0.0026	26.8	15.2	4.1	1.9	0	28.3		S
1205	5	04 59 01.0	-68 55 09	48	*0.0332	0.0033	113.9	15.1	10.0	1.1	703	20.4	AH	S

(4h 56m)

I 3633

(4h 56m)



2A 0456-449, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $04^{\text{h}}56^{\text{m}}40.8^{\text{s}}$ $-44^{\circ}55'47''$ (B1950)
 $04^{\text{h}}58^{\text{m}}10.4^{\text{s}}$ $-44^{\circ}51'17''$ (J2000)
 $l: 250.17$ $b: -38.38$

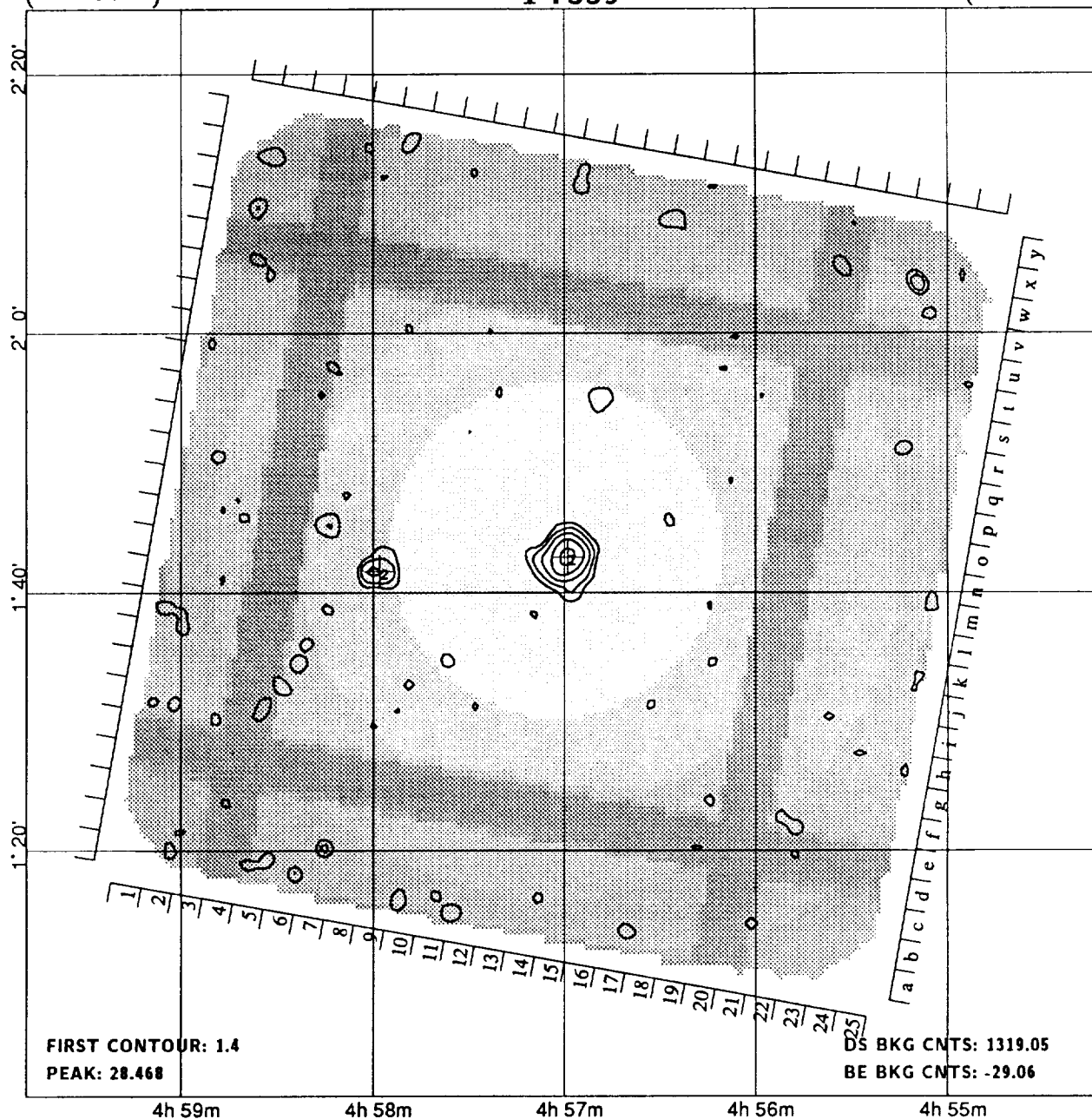
DATE: 1980/ 71 - 1980/ 71
 LIVETIME: 772.6s
 ROLL ANGLE: 90.0°

NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(4h 57m)

I 7359

(4h 57m)



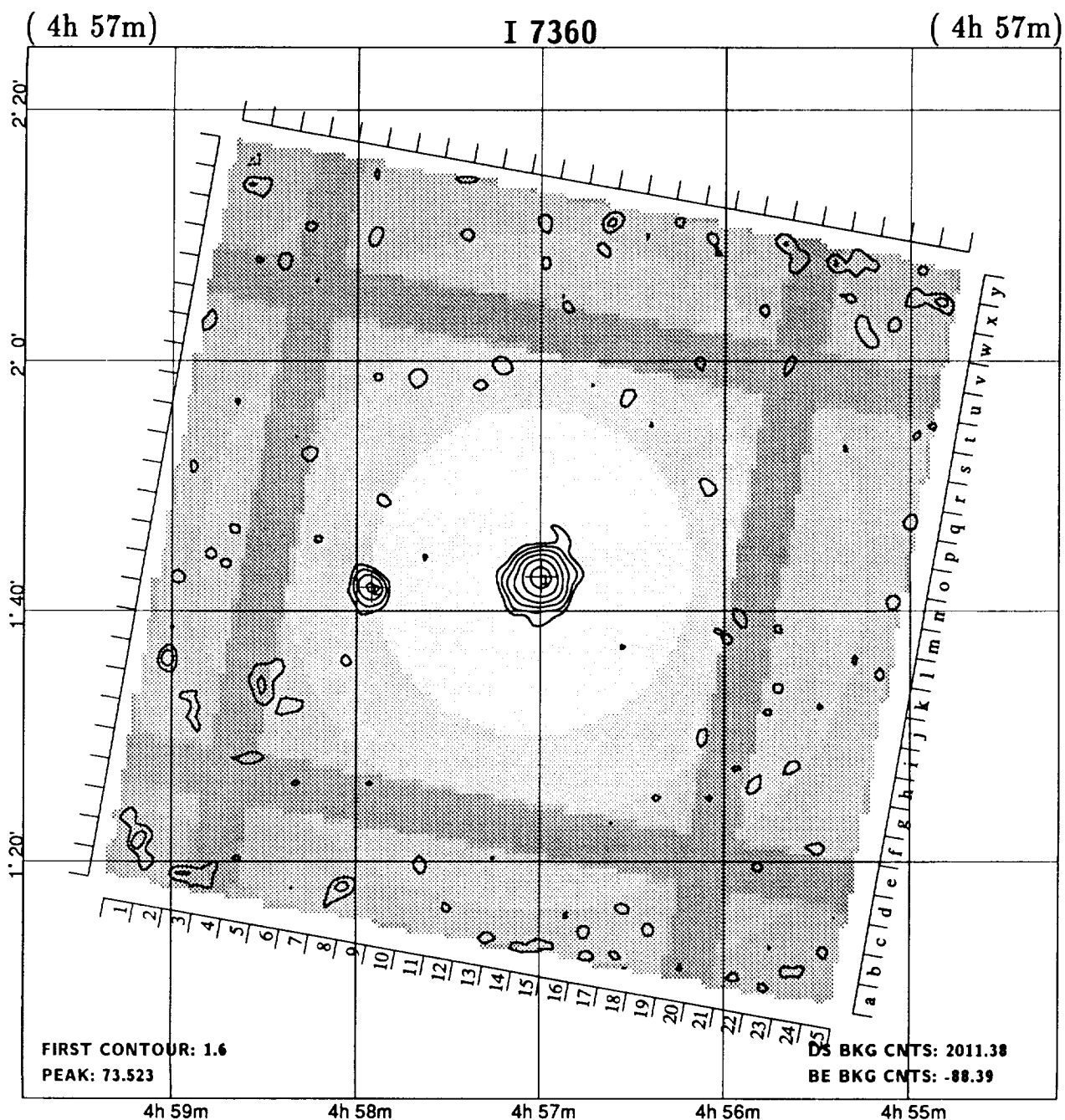
VYSS III, DM & DK STARS: CORRELATION OF ROTATION & X-RAYS

FIELD CENTER: 04^h57^m00.0^s 01°42'59" (B1950)
04^h59^m35.7^s 01°47'26" (J2000)
 l : 197.63 b : -23.76

DATE: 1980/239 - 1980/239
LIVETIME: 1068.9s
ROLL ANGLE: -79.9°

NH: 7.6E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1191	1	04 56 58.9	01 42 43	31	0.148	0.014	117.6	3.4	10.7	1.3	0	0.2	AH
1194	2	04 57 58.0	01 41 38	42	0.0360	0.0079	23.4	2.6	4.6	0.9	0	14.6	AH



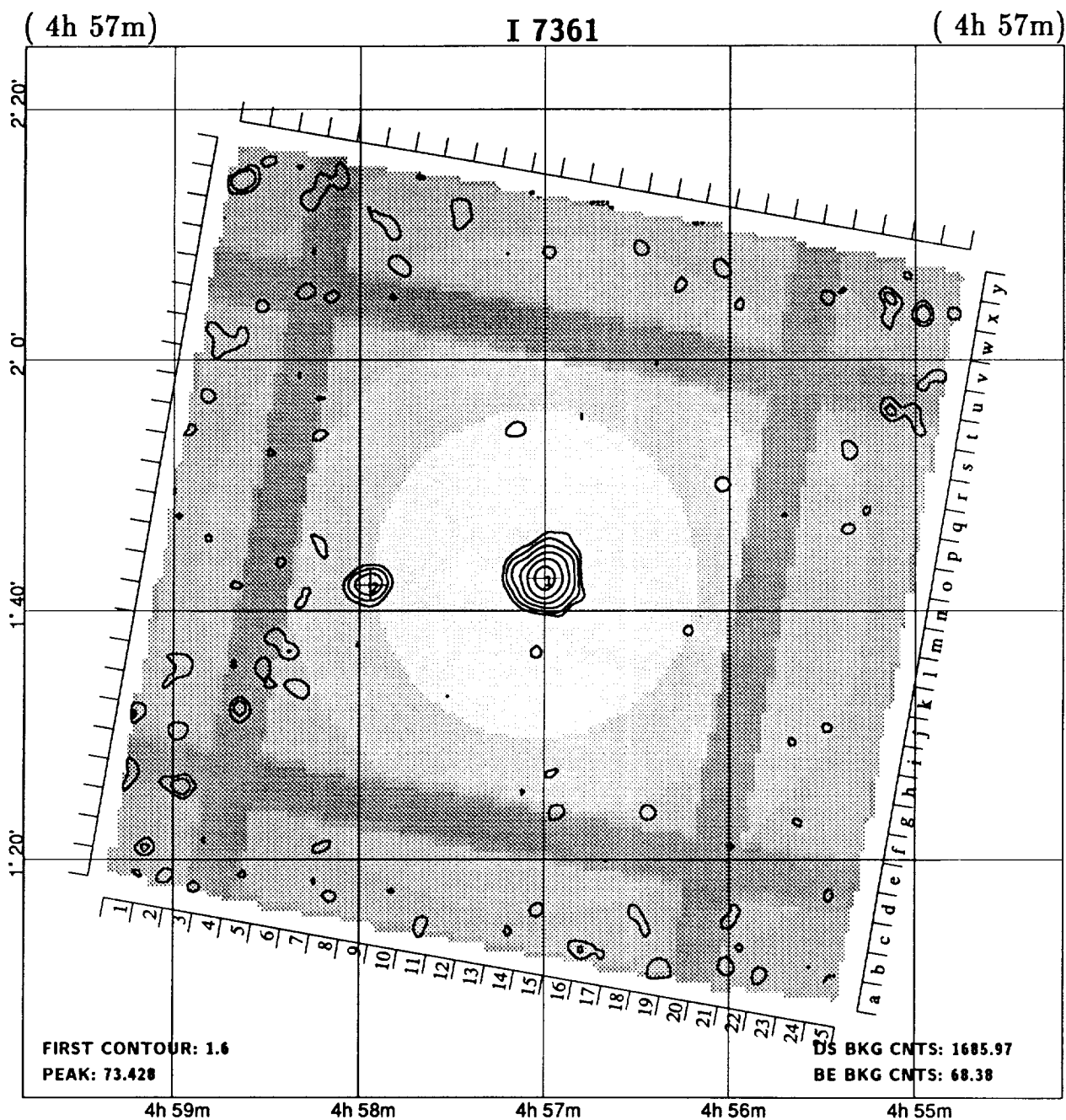
VYSS III,DM & DK STARS:CORRELATION OF ROTATION & X-RAYS

FIELD CENTER: 04^h57^m00.0^s 01°42'59" (B1950)
04^h59^m35.7^s 01°47'26" (J2000)
 l : 197.63 b : -23.76

DATE: 1980/239 - 1980/239
LIVETIME: 1629.9s
ROLL ANGLE: -80.0°

NH: 7.6E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1191	1	04 56 59.8	01 42 41	31	0.258	0.015	313.2	4.8	17.6	1.4	0	0.2	AH	
1194	2	04 57 55.1	01 41 50	41	0.0395	0.0066	39.9	4.1	6.0	0.9	0	13.8	AH	



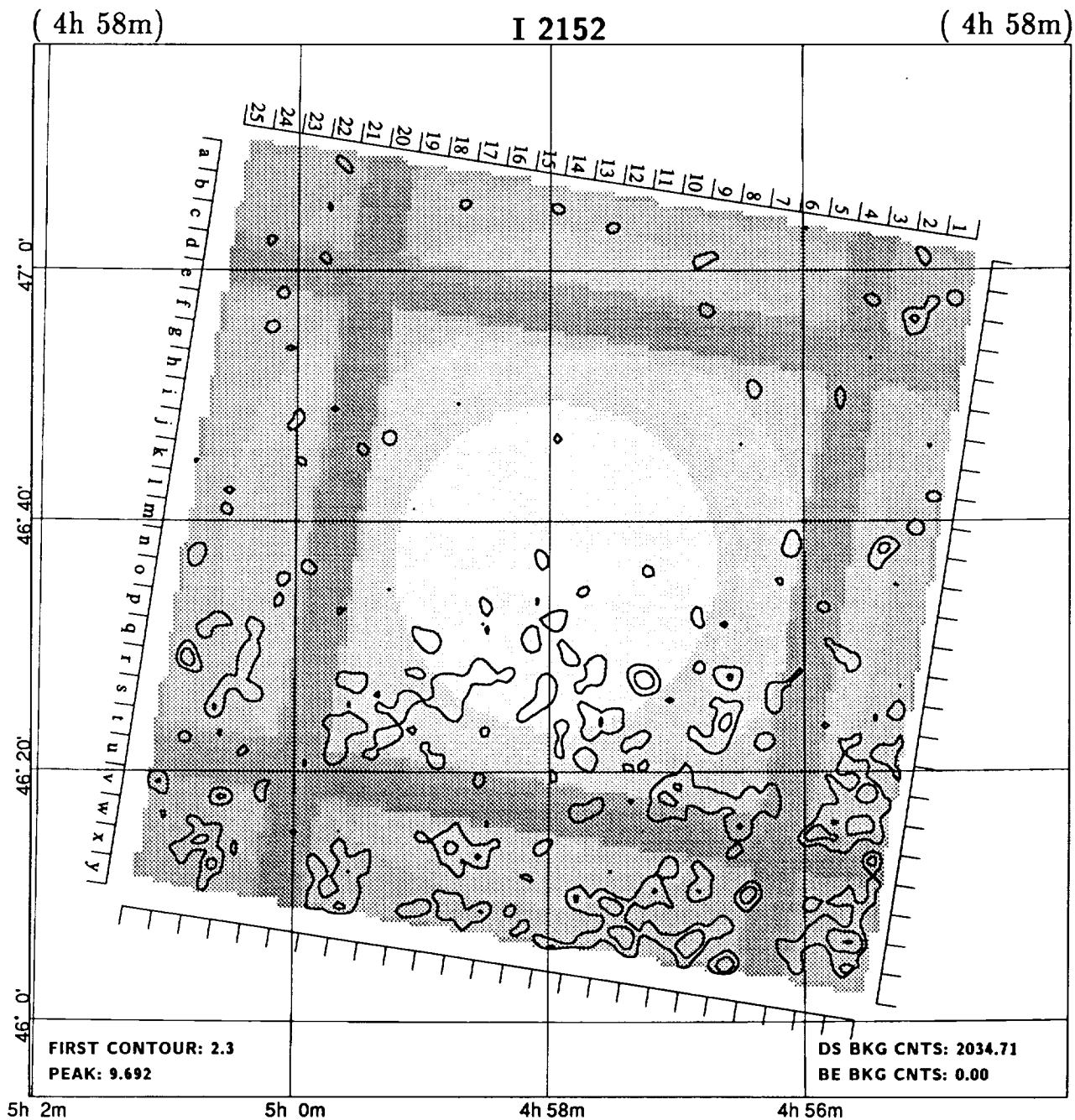
VYSS III,DM & DK STARS:CORRELATION OF ROTATION & X-RAYS

FIELD CENTER: $04^h 57^m 00.0^s$ $01^\circ 42' 59''$ (B1950)
 $04^h 59^m 35.7^s$ $01^\circ 47' 26''$ (J2000)
 ℓ : 197.63 b : -23.76

DATE: 1980/239 - 1980/239
 LIVETIME: 1366.2s
 ROLL ANGLE: -80.1°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1191	1	04 57 00.0	01 42 36	31	0.312	0.018	317.4	4.6	17.7	1.4	0	0.4	AH	
1194	2	04 57 56.6	01 42 04	41	0.0432	0.0075	36.4	3.6	5.8	1.0	0	14.3	AH	



X-RAY STUDY OF SUPERNOVA REMNANTS: G160.5+2.8=HB9

FIELD CENTER: 04^h58^m00.0^s 46°35'59" (B1950)
05^h01^m42.0^s 46°40'19" (J2000)
ℓ: 160.51 b: 2.89

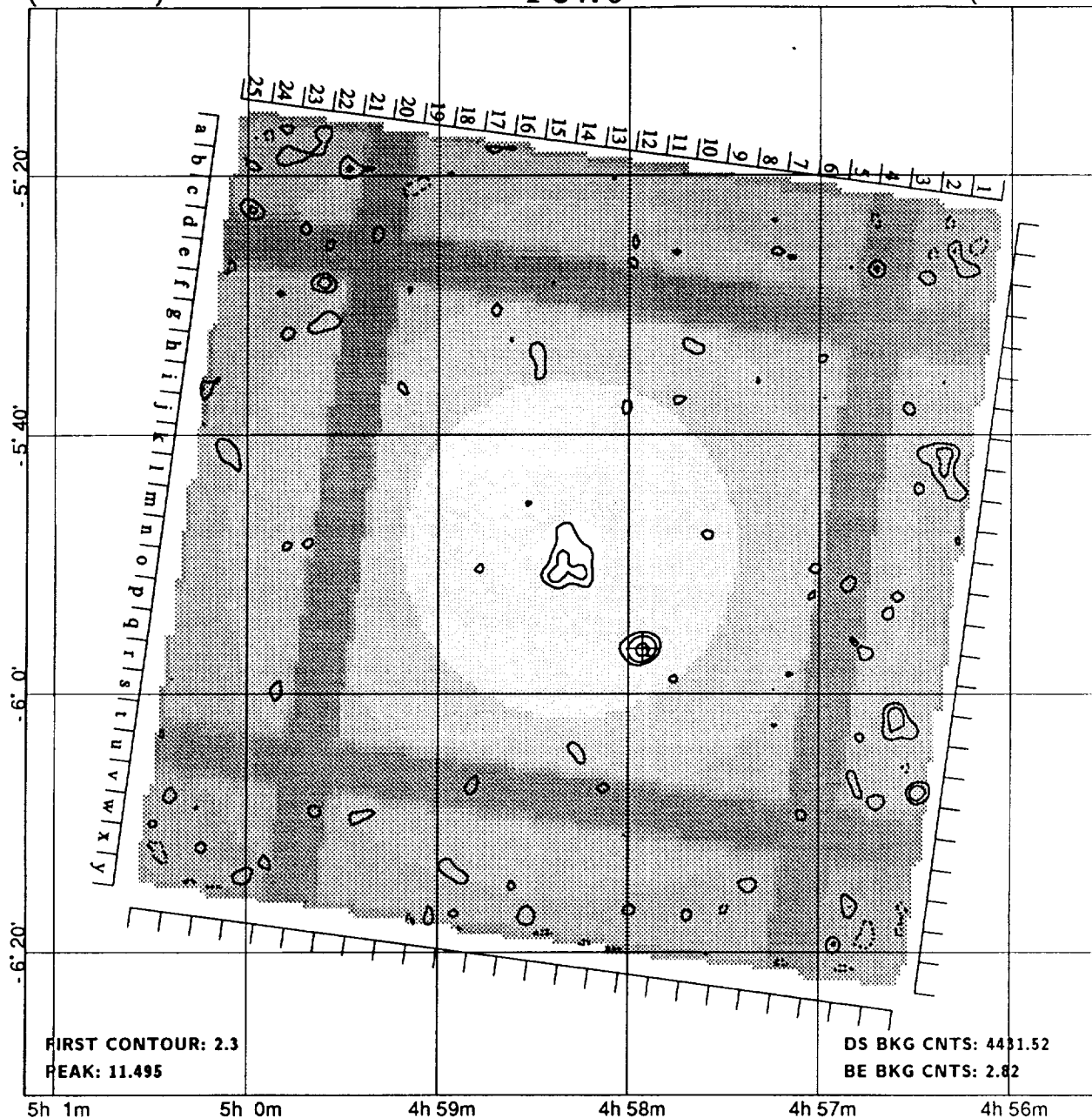
DATE: 1980/ 74 - 1980/ 74
LIVETIME: 1648.8s
ROLL ANGLE: 98.7°

NH: 4.9E+21
REF/ID:
FIELD FLAGS: L

(4h 58m)

I 5470

(4h 58m)

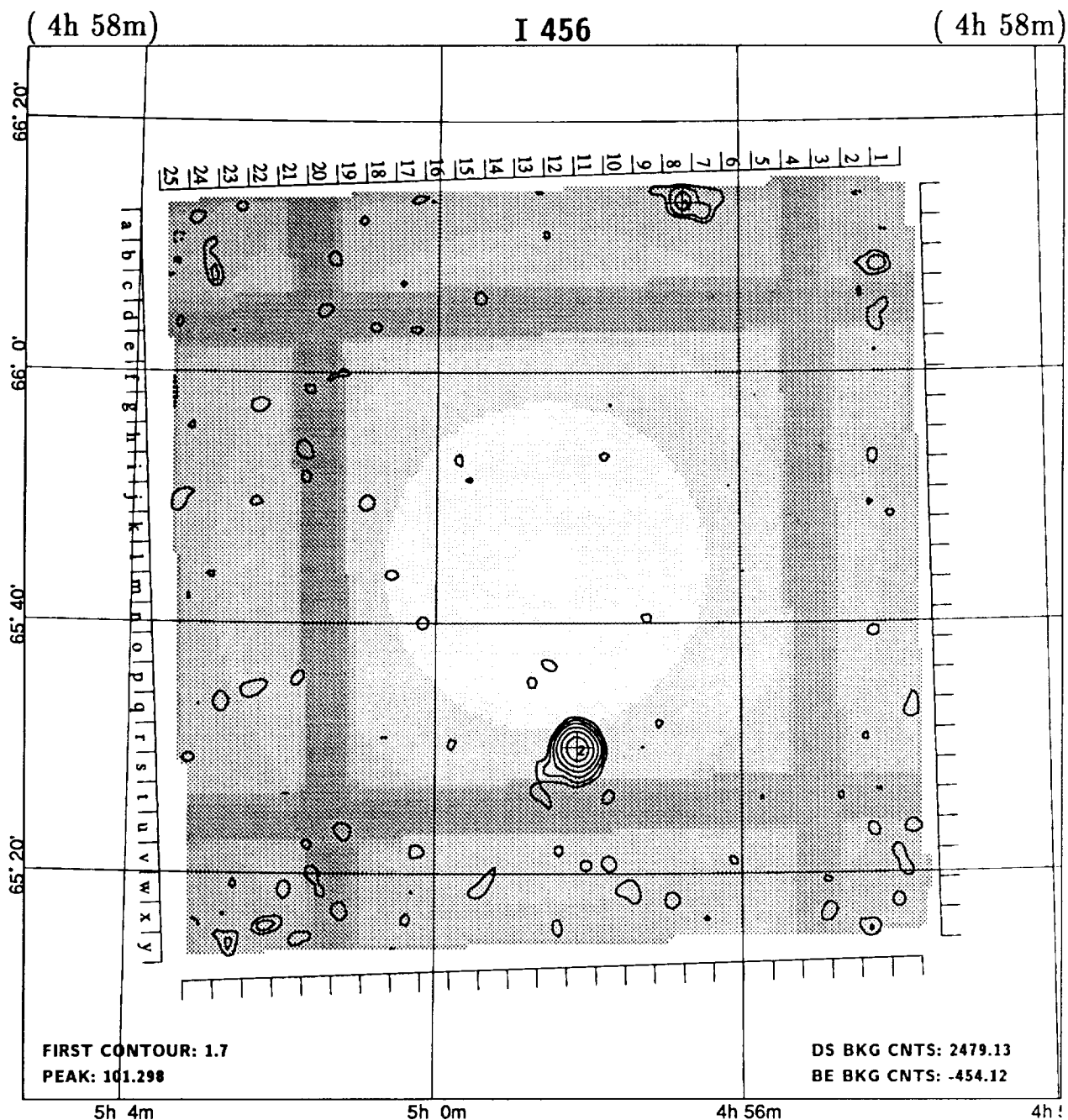


FIELD CENTER: $04^{\text{h}}58^{\text{m}}20.0^{\text{s}}$ $-05^{\circ}48'59''$ (B1950)
 $05^{\text{h}}00^{\text{m}}47.2^{\text{s}}$ $-05^{\circ}44'38''$ (J2000)
 $l: 205.08$ $b: -27.18$

DATE: 1980/ 61 - 1980/ 61
 LIVETIME: 3591.0s
 ROLL ANGLE: 97.6°

NH: $5.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1195	1	04 57 55.5	-05 56 25	41	0.0155	0.0028	37.4	9.6	5.5	0.8	0	9.5	H	AGN



VII ZW 23 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $04^h 58^m 36.0^s$ $65^\circ 43' 59''$ (B1950)
 $05^h 03^m 33.3^s$ $65^\circ 48' 14''$ (J2000)
 $l: 145.10$ $b: 14.51$

DATE: 1979/ 59 - 1979/ 59
 LIVETIME: 2008.9s
 ROLL ANGLE: 88.1°

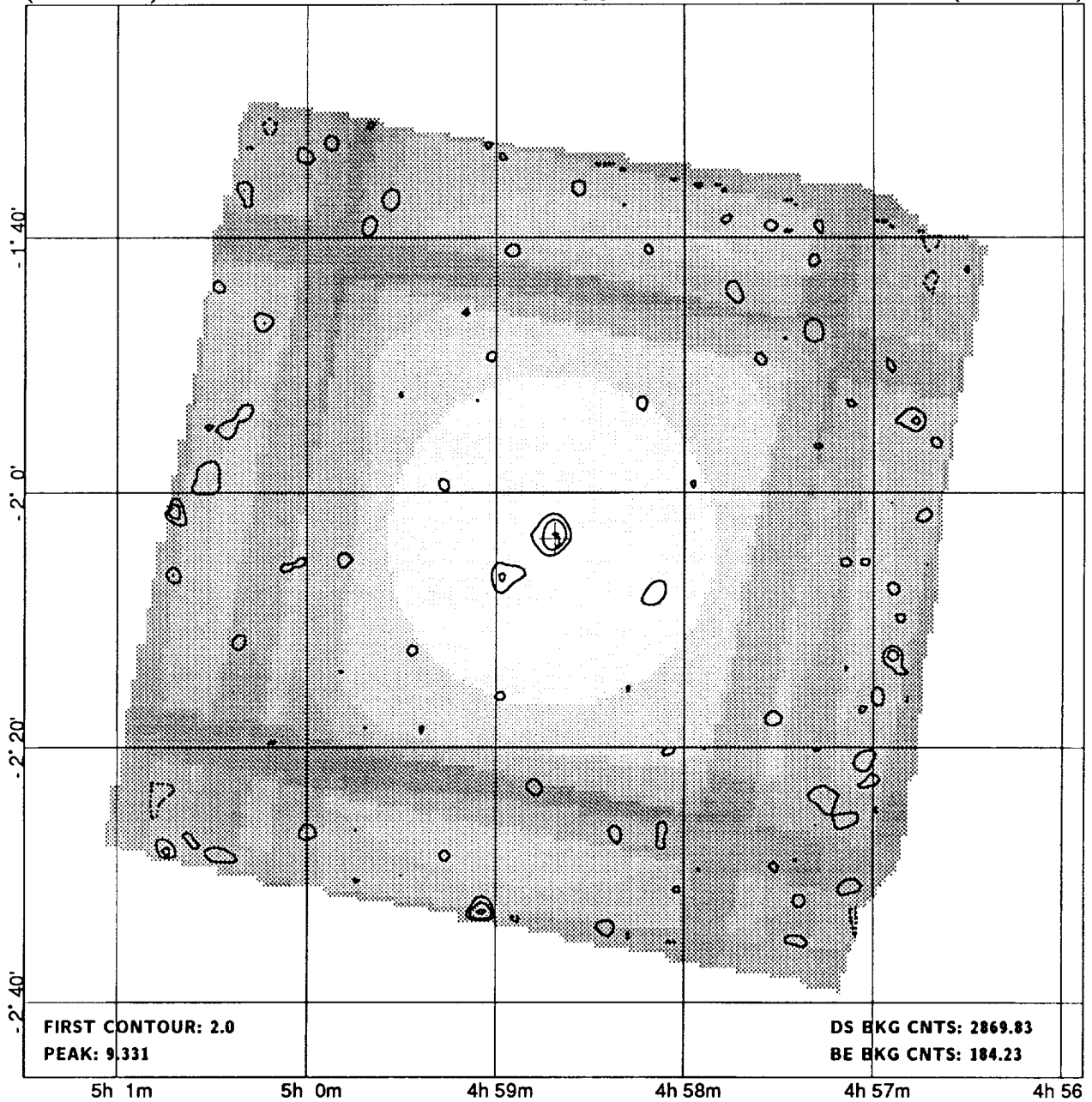
NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1190	1	04 56 44.7	66 13 24	55	0.0249	0.0065	16.7	2.3	3.8	1.2	500	31.6	H	
1197	2	04 58 08.5	65 30 05	38	0.254	0.015	304.7	4.3	17.3	1.1	0	14.0	H	*

(4h 58m)

I 7166

(4h 58m)



0458-02, BURSTING RADIO SOURCE

FIELD CENTER: $04^{\text{h}}58^{\text{m}}41.1^{\text{s}}$ $-02^{\circ}03'47''$ (B1950)
 $05^{\text{h}}01^{\text{m}}12.5^{\text{s}}$ $-01^{\circ}59'28''$ (J2000)
 $l: 201.45$ $b: -25.30$

DATE: 1980/ 63 - 1980/238
 LIVETIME: 2409.0s

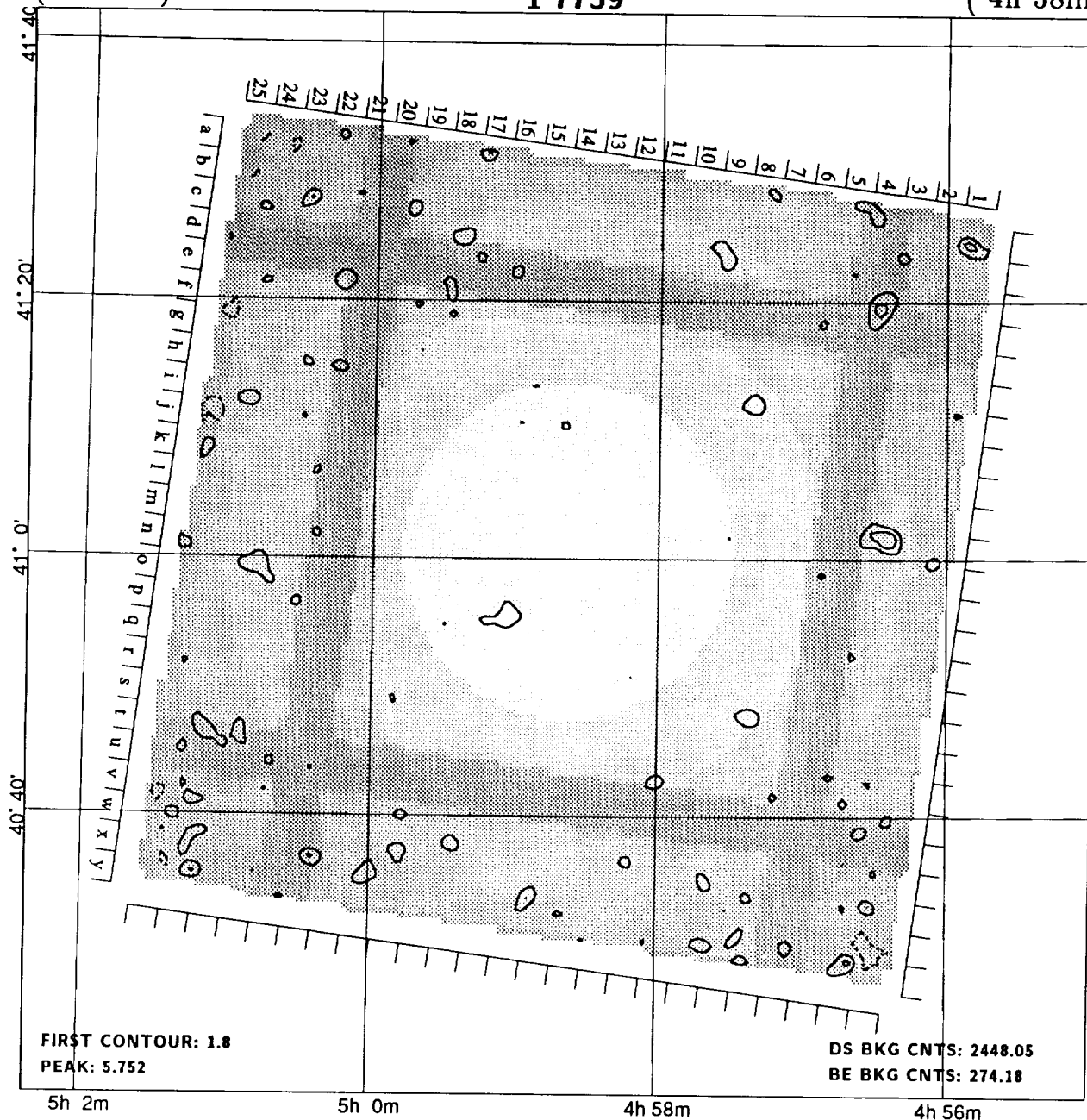
NH: $6.6\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1203	1	04 58 41.3	-02 03 33	36	0.0158	0.0033	28.5	7.5	4.7	0.9	0	0.4	

(4h 58m)

I 7739

(4h 58m)



HD 32068/9, INTERACTING CLOSE BINARY SYSTEMS

FIELD CENTER: $04^{\text{h}}58^{\text{m}}42.0^{\text{s}}$ $41^{\circ}00'17''$ (B1950)
 $05^{\text{h}}02^{\text{m}}11.9^{\text{s}}$ $41^{\circ}04'35''$ (J2000)
 $l: 164.99$ $b: -0.47$

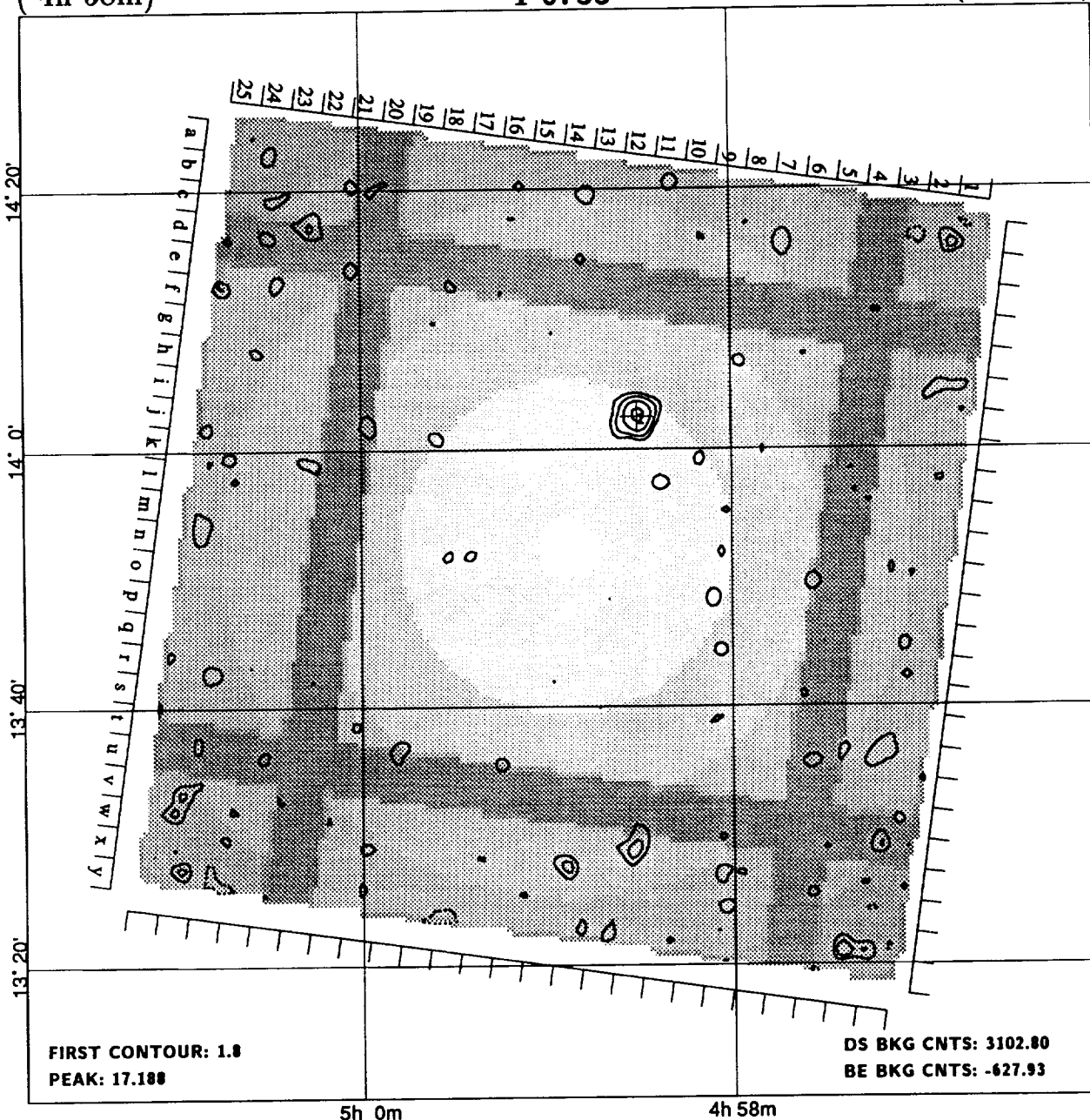
DATE: 1980/ 72 - 1980/ 72
 LIVETIME: 2055.0s
 ROLL ANGLE: 97.6°

NH: $5.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(4h 58m)

I 6735

(4h 58m)



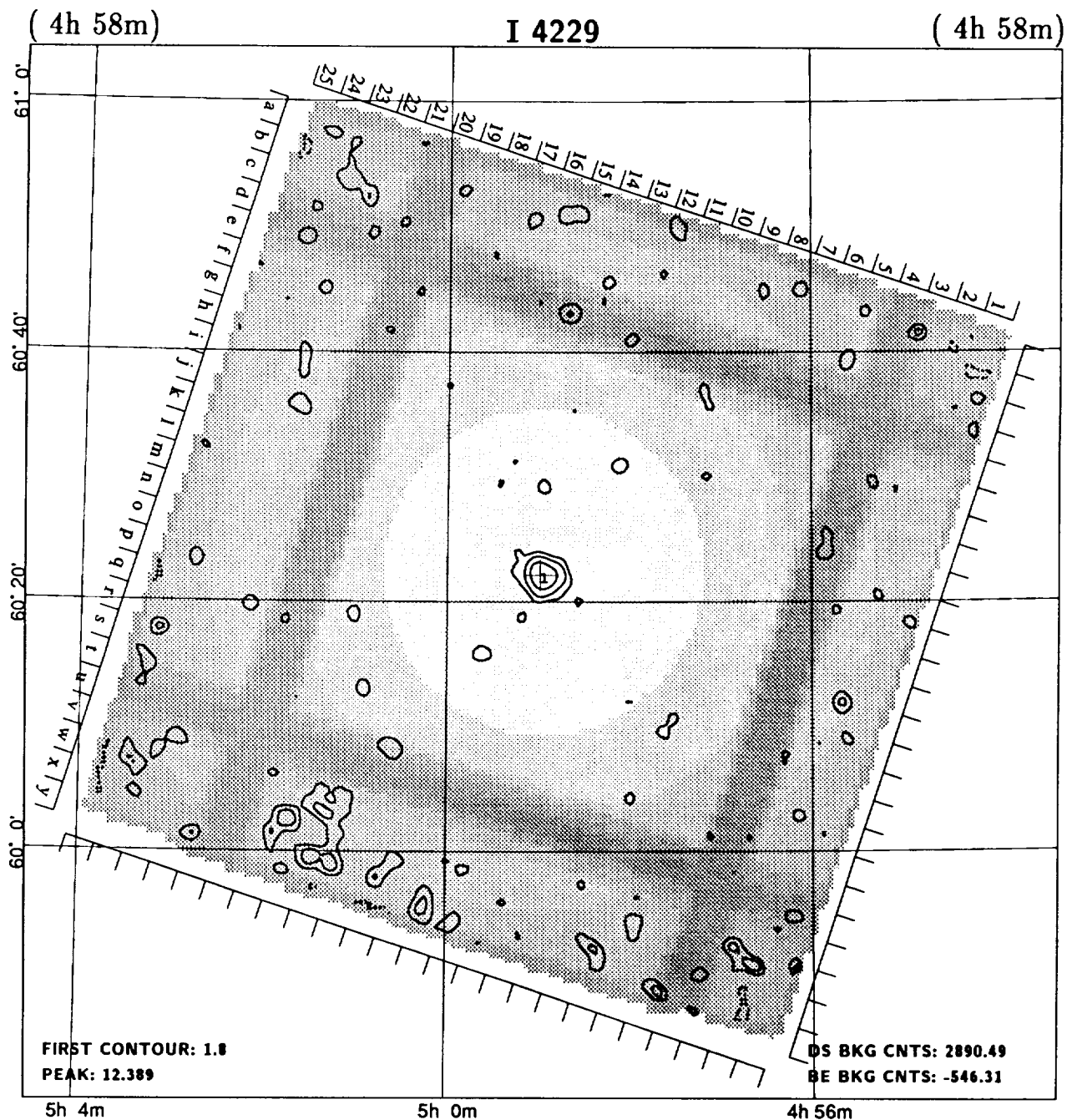
SEARCH FOR HIGH LX QSO'S: 11

FIELD CENTER: 04^h58^m55.5^s 13°51'48" (B1950)
 05^h01^m45.2^s 13°56'06" (J2000)
 l : 187.04 b : -16.74

DATE: 1980/ 53 - 1980/ 53
 LIVETIME: 2514.3s
 ROLL ANGLE: 97.9°

NH: 1.8E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1201	1	04 58 30.6	14 02 30	41	0.0341	0.0048	55.6	5.4	7.1	1.0	0	12.4	H



FIELD CENTER: 04^h58^m58.0^s 60°22'18" (B1950)
05^h03^m25.5^s 60°26'32" (J2000)
ℓ: 149.57 b: 11.30

DATE: 1980/ 83 - 1980/ 83
LIVETIME: 2342.2s
ROLL ANGLE: 108.1°

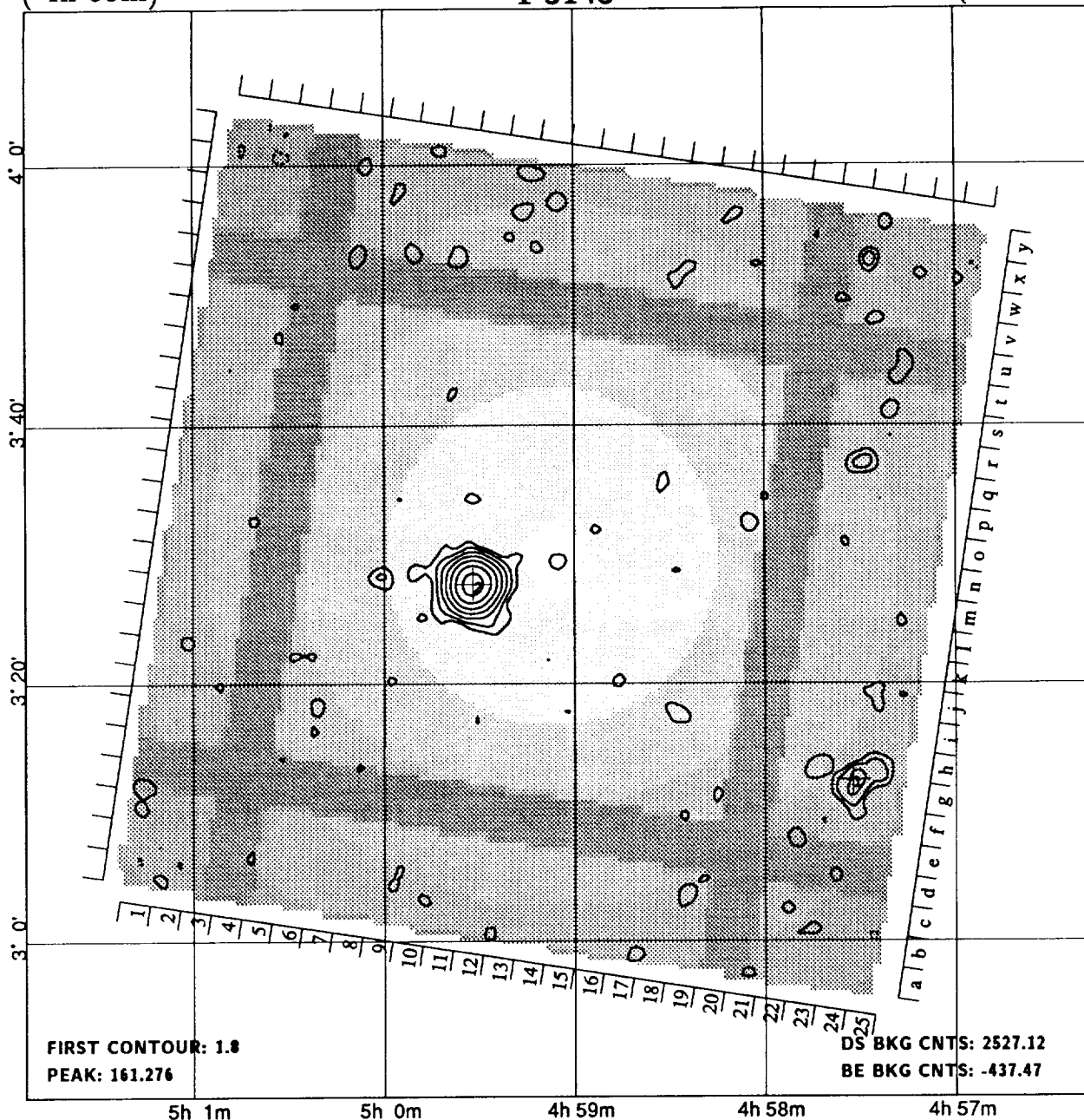
NH: 2.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1204	1	04 58 58.7	60 22 08	35	0.0290	0.0043	50.7	5.3	6.8	1.2	0	0.2	H	S

(4h 59m)

I 3145

(4h 59m)



FIELD CENTER: $04^{\text{h}}59^{\text{m}}04.2^{\text{s}}$ $03^{\circ}30'06''$ (B1950)
 $05^{\text{h}}01^{\text{m}}41.9^{\text{s}}$ $03^{\circ}34'24''$ (J2000)
 $l: 196.27$ $b: -22.39$

DATE: 1979/242 - 1979/242
 LIVETIME: 2047.8s
 ROLL ANGLE: -81.3°

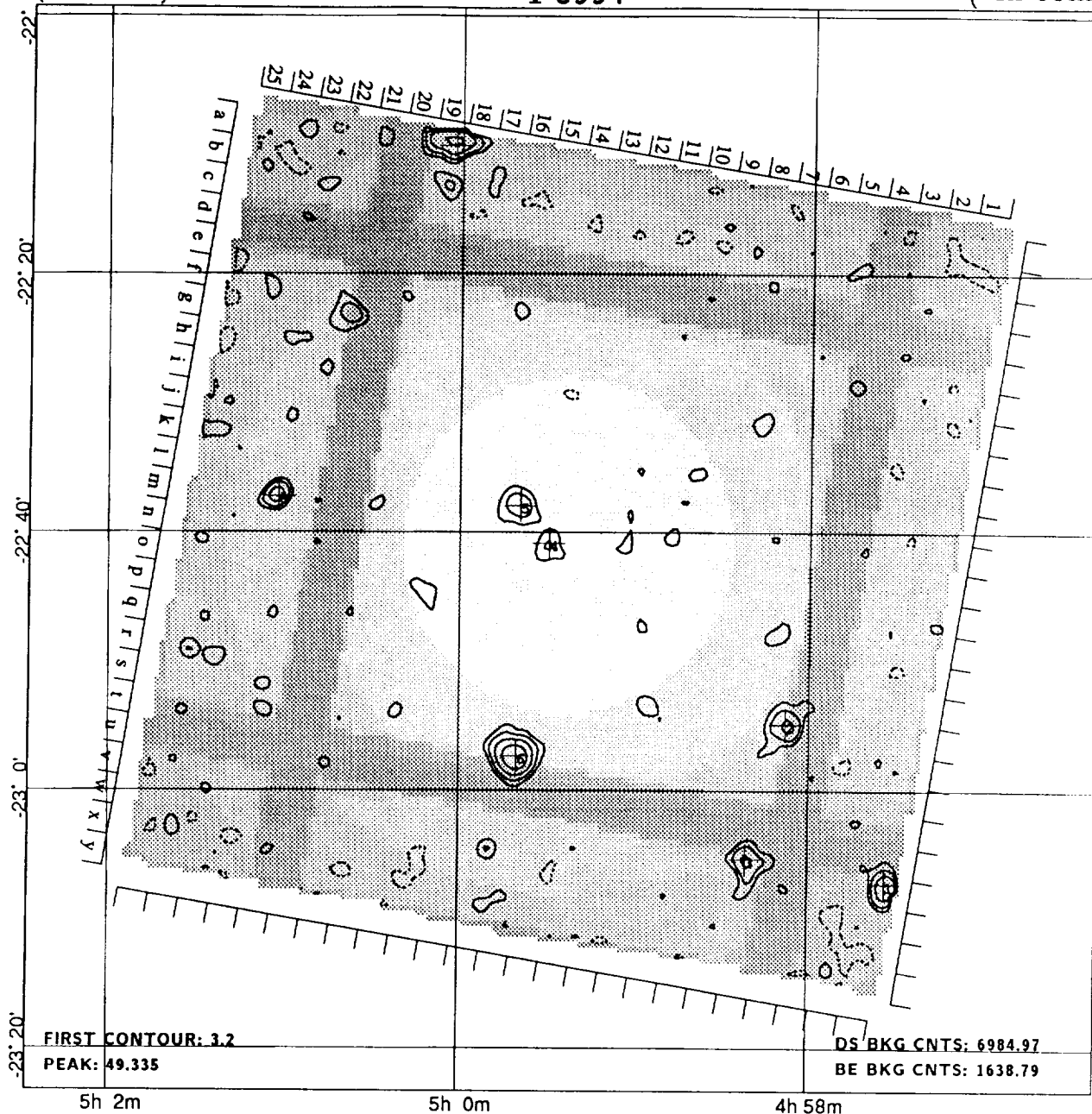
NH: $7.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1192	1	04 57 32.3	03 12 29	55	0.0260	0.0063	19.3	2.7	4.1	1.4	0	29.3	H	
1208	2	04 59 31.9	03 27 43	37	0.461	0.018	661.0	5.0	25.6	1.3	0	7.4	H	SY

(4h 59m)

I 8994

(4h 59m)



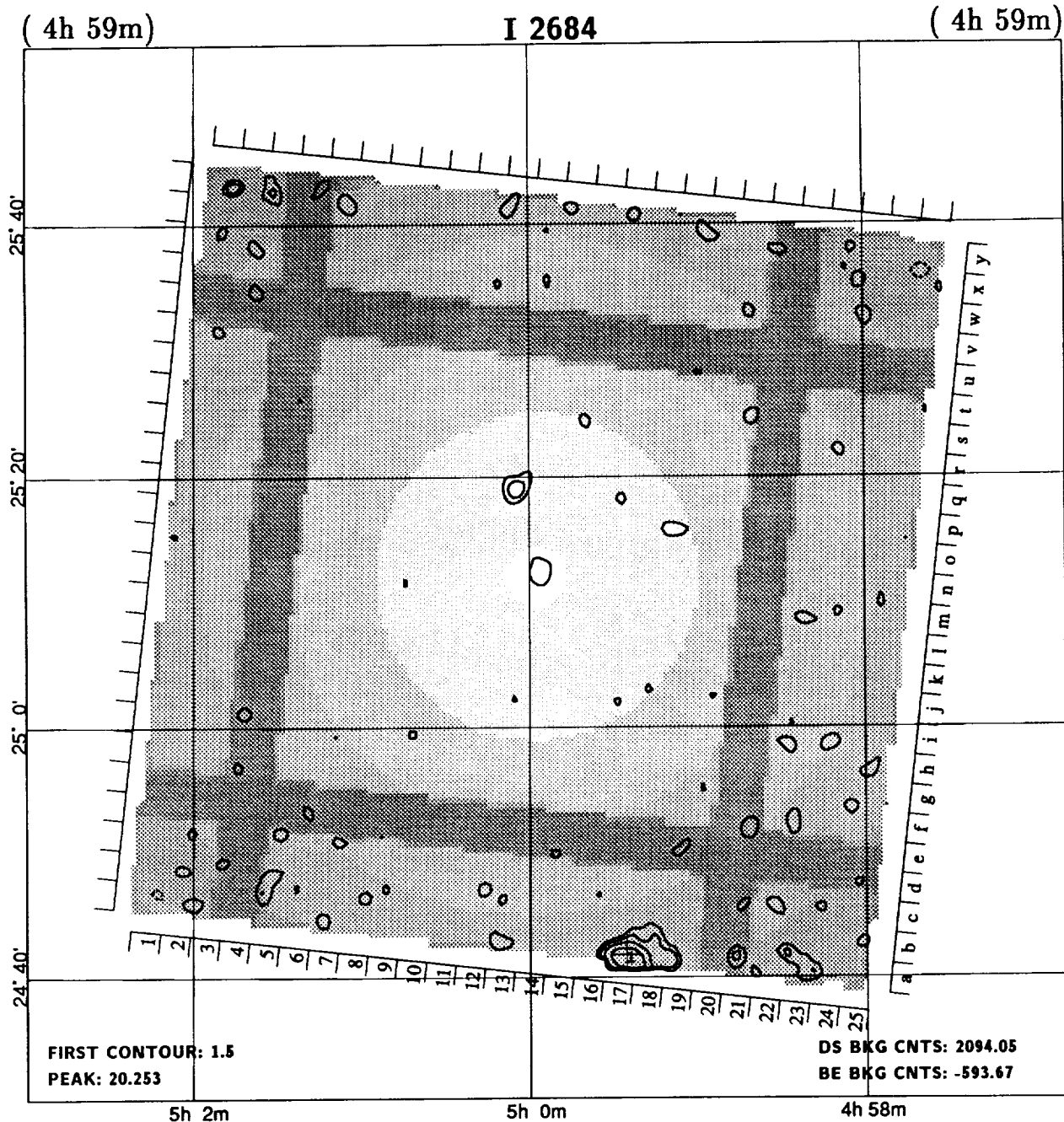
DISTANCE 4 ABELL CLUSTERS: ABELL 533

FIELD CENTER: $04^h 59^m 25.0^s$ $-22^\circ 41' 25''$ (B1950)
 $05^h 01^m 31.8^s$ $-22^\circ 37' 08''$ (J2000)
 $l: 223.18$ $b: -33.67$

DATE: 1981/ 58 - 1981/ 58
 LIVETIME: 5660.1s
 ROLL ANGLE: 99.6°

NH: $2.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1193	1	04 57 33.7	-23 07 14	53	*0.0214	0.0046	28.0	8.0	4.7	0.9	1104	36.4	H
1196	2	04 58 07.9	-22 54 51	51	*0.0145	0.0026	39.4	11.6	5.5	1.1	906	22.5	H
1199	3	04 58 21.2	-23 05 20	55	*0.0111	0.0027	23.9	9.1	4.2	1.0	1003	28.3	H
1207	4	04 59 29.3	-22 40 51	37	0.0059	0.0017	24.6	24.4	3.5	0.6	0	1.3	H
1209	5	04 59 39.2	-22 37 55	41	0.0106	0.0020	43.0	21.0	5.4	0.9	0	5.1	H
1210	6	04 59 40.2	-22 57 18	48	*0.0468	0.0040	149.3	16.7	11.6	1.1	803	16.3	H
1211	7	05 00 02.2	-22 10 00	50	*0.0251	0.0043	40.8	8.2	5.8	1.1	1003	32.8	H
1212	8	05 01 02.1	-22 37 11	51	0.0133	0.0027	34.6	15.4	4.9	0.7	0	22.9	H



3C 133.0: BRIGHT X-GALACTIC RADIO SOURCESS

FIELD CENTER: 04^h59^m54.0^s 25°12'23" (B1950)
05^h02^m58.2^s 25°16'37" (J2000)
 ℓ : 177.72 b : -9.91

DATE: 1979/263 - 1979/263
LIVETIME: 1696.9s
ROLL ANGLE: -83.7°

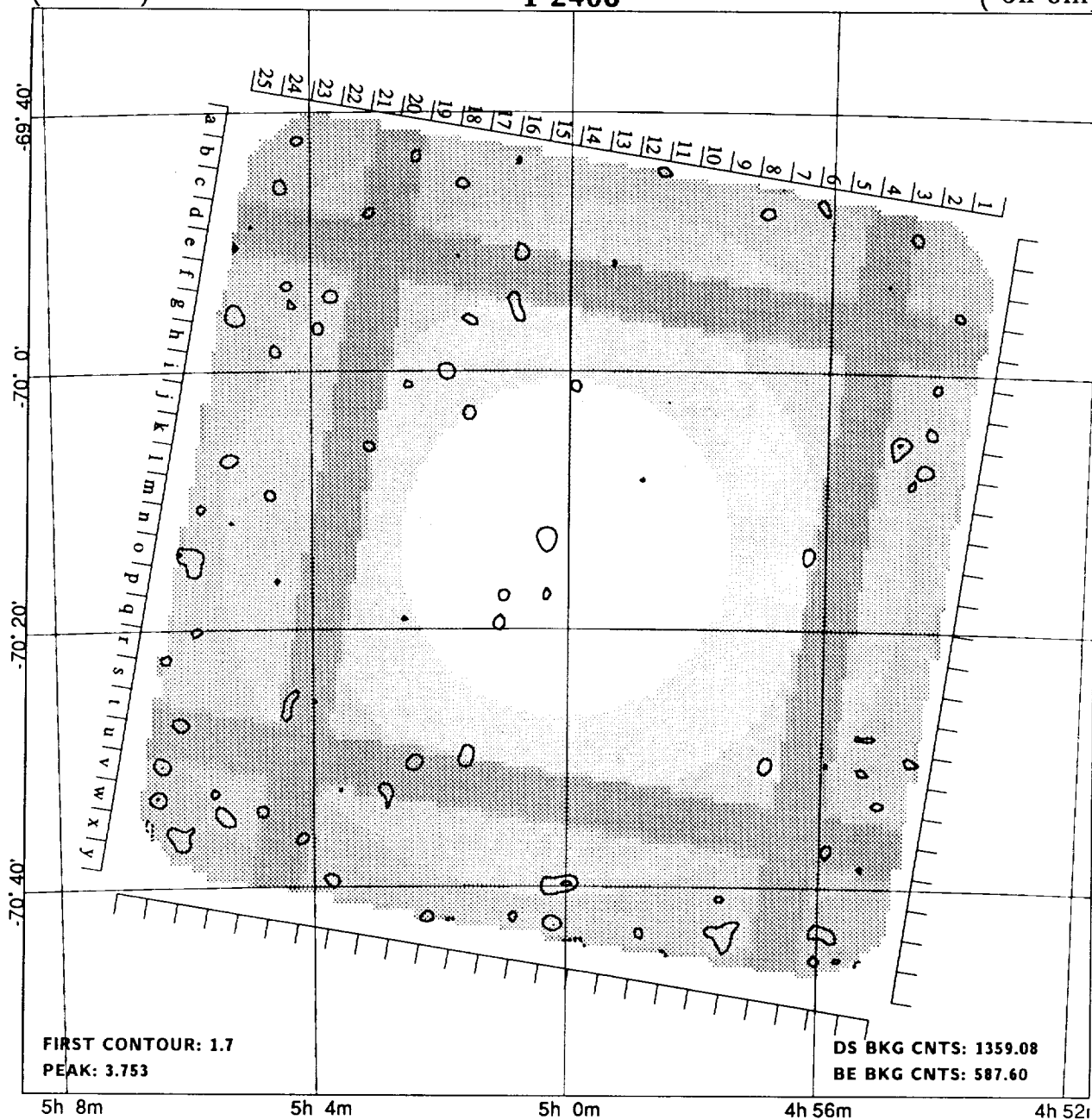
NH: 2.8E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1206	1	04 59 25.5	24 41 46	50	*0.068	0.011	36.9	1.1	6.0	1.3	703	31.1	H	

(5h 0m)

I 2408

(5h 0m)

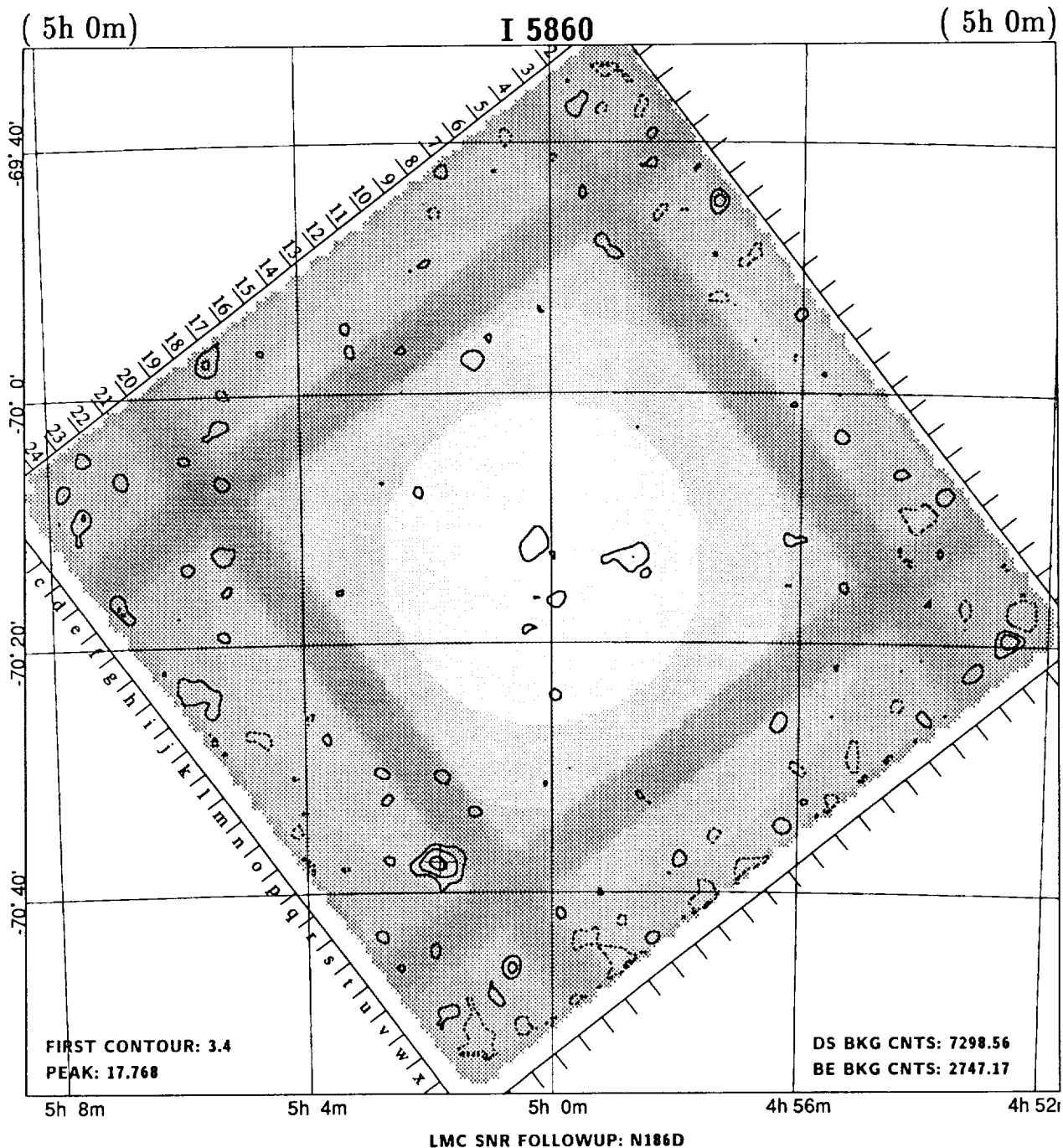


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h00^m08.8^s$ $-70^\circ14'16''$ (B1950)
 $04^h59^m43.2^s$ $-70^\circ09'56''$ (J2000)
 ℓ : 281.53 b : -34.78

DATE: 1979/ 56 - 1979/ 56
 LIVETIME: 1101.3s
 ROLL ANGLE: 99.1°

NH: 8.5E+20
 REF/ID:
 FIELD FLAGS:



FIELD CENTER: 05^h00^m09.0^s -70°14'14" (B1950)
04^h59^m43.4^s -70°09'54" (J2000)
 l : 281.53 b : -34.78

DATE: 1980/102 - 1980/104
LIVETIME: 6126.8s
ROLL ANGLE: 52.5°

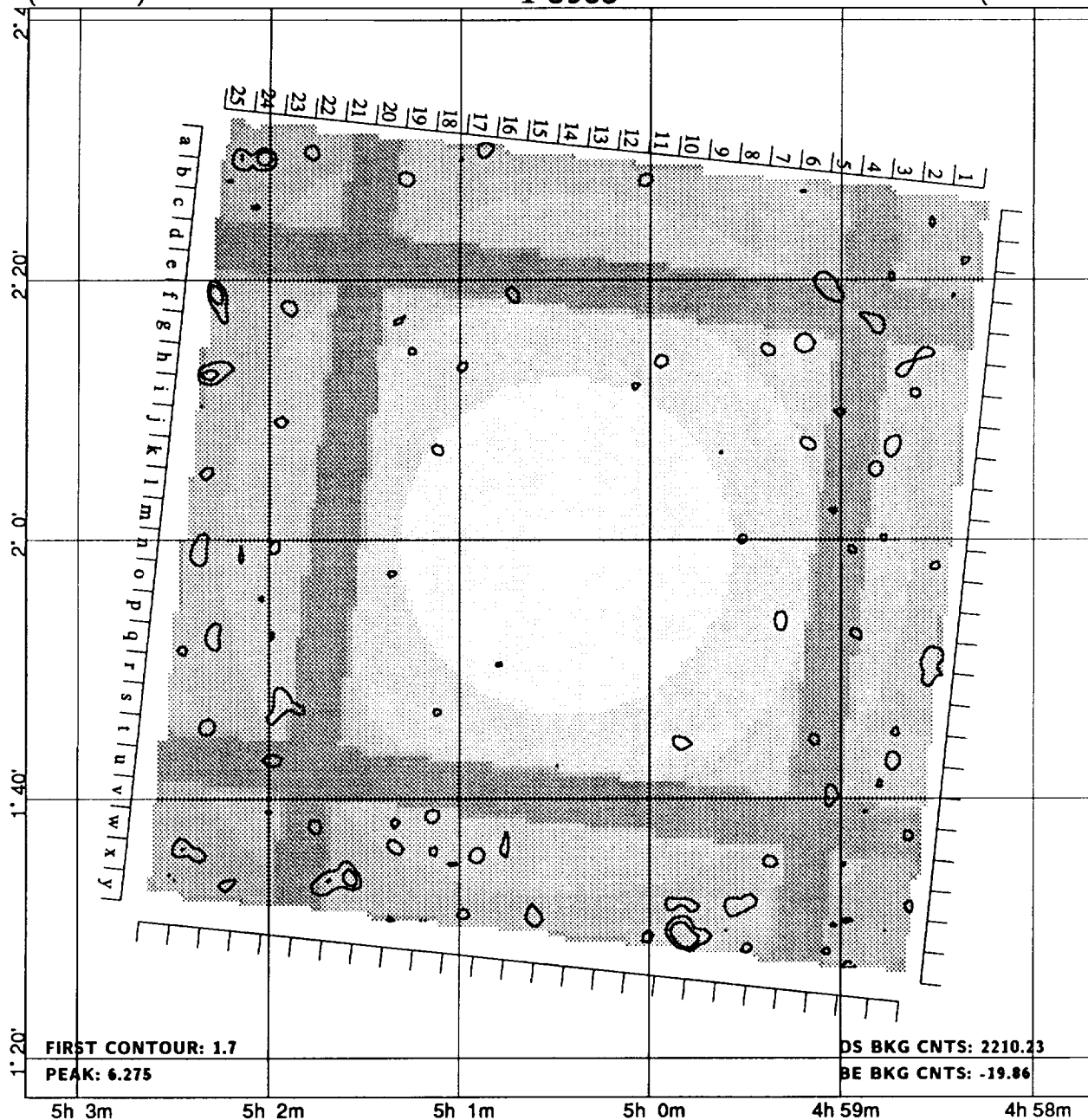
NH: 8.5E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1214	1	05 01 50.4	-70 37 33	51	*0.0146	0.0028	38.0	15.0	5.2	1.1	401	24.9	A S

(5h 0m)

I 3985

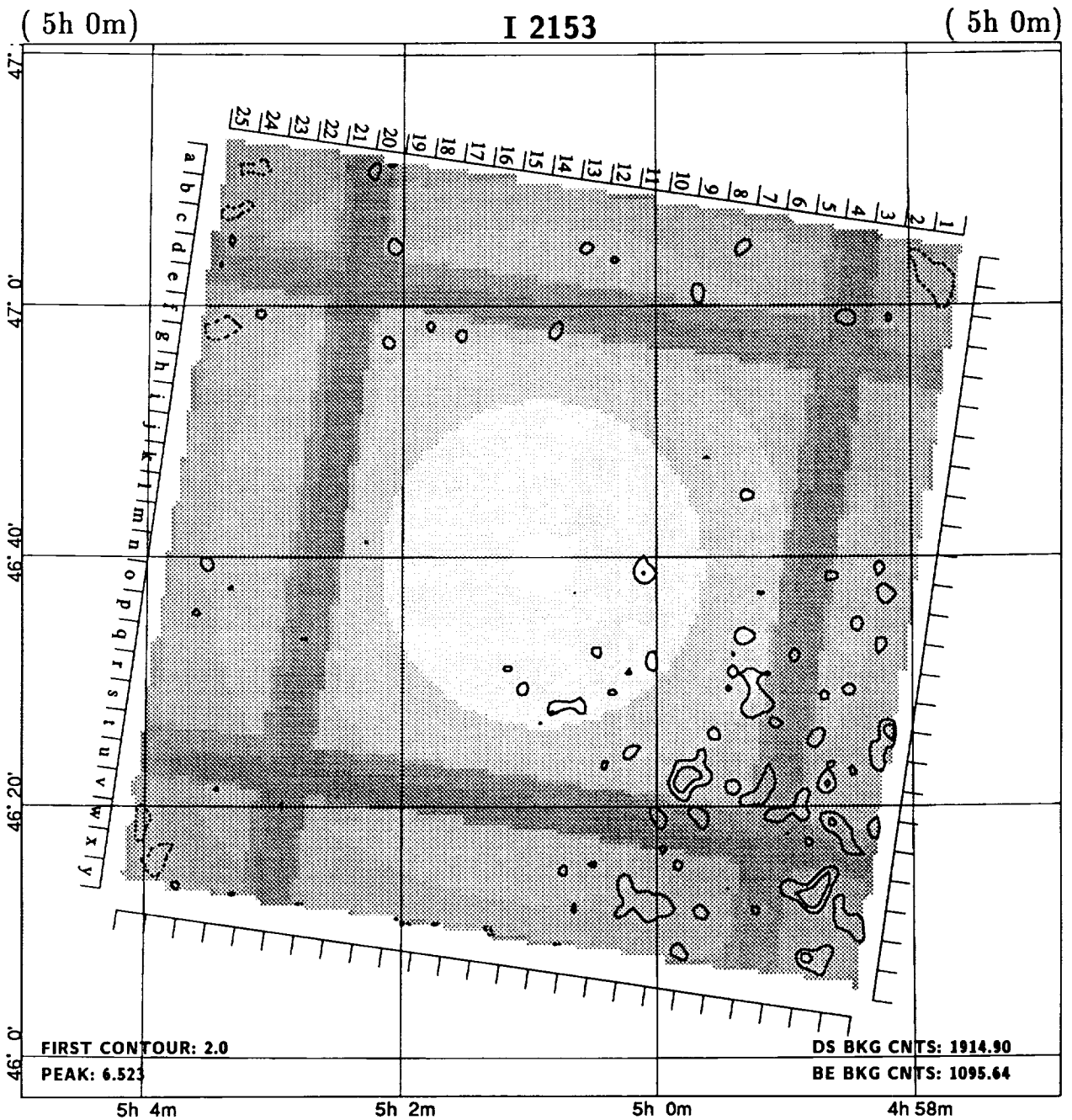
(5h 0m)



FIELD CENTER: $05^h00^m28.3^s$ $01^\circ58'55''$ (B1950)
 $05^h03^m04.3^s$ $02^\circ03'07''$ (J2000)
 $l: 197.87$ $b: -22.88$

DATE: 1980/ 65 - 1980/ 65
 LIVETIME: 1791.0s
 ROLL ANGLE: 96.0°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

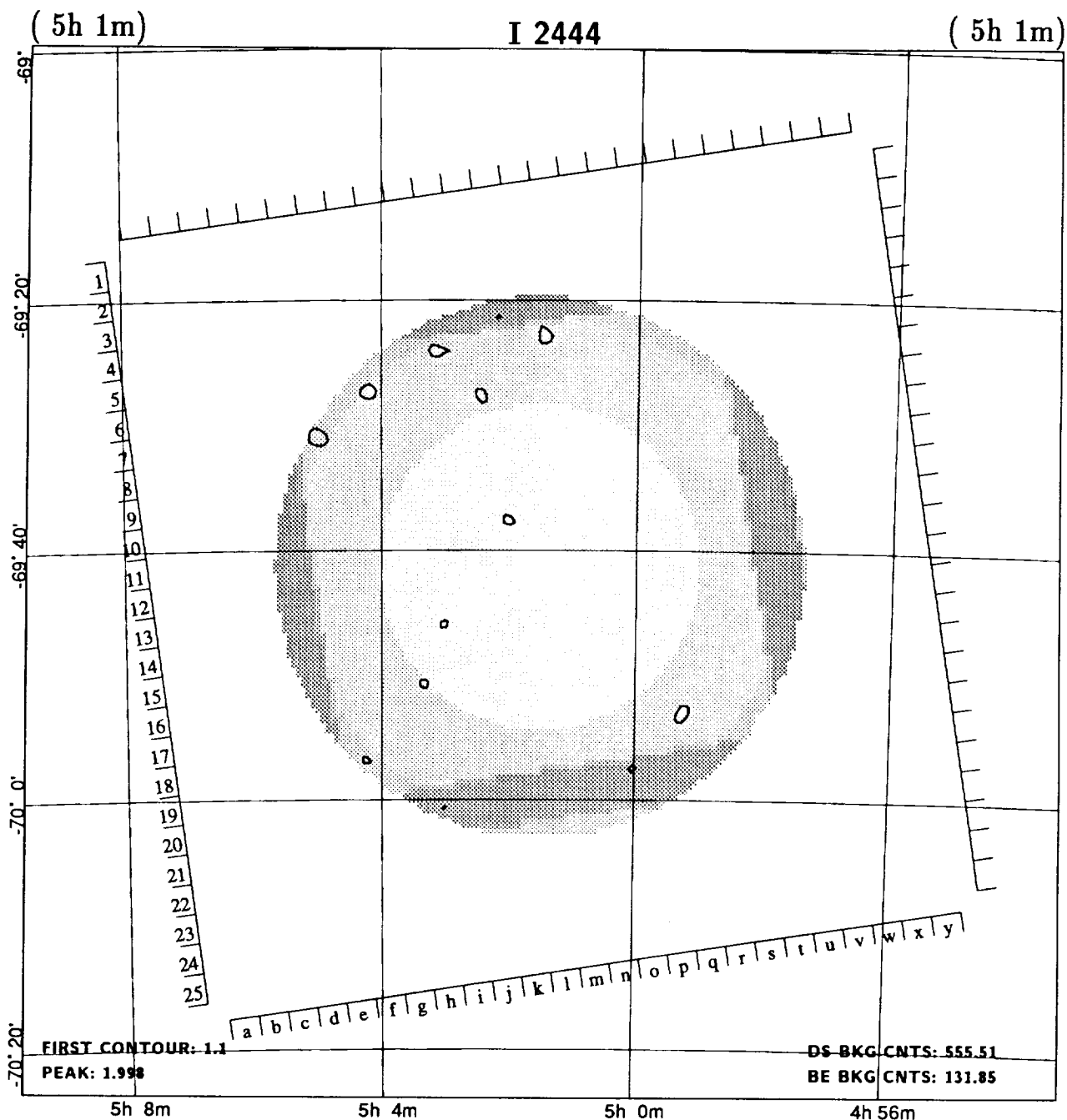


X-RAY STUDY OF SUPERNOVA REMNANTS: G160.5+2.8=HB9

FIELD CENTER: 05^h00^m54.0^s 46°38'59" (B1950)
05^h04^m36.4^s 46°43'07" (J2000)
 l : 160.77 b : 3.31

DATE: 1980/ 74 - 1980/ 74
LIVETIME: 1607.4s
ROLL ANGLE: 98.2°

NH: 4.6E+21
REF/ID:
FIELD FLAGS:



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h01^m28.8^s -69°41'59" (B1950)
 05^h01^m08.1^s -69°37'45" (J2000)
 l : 280.86 b : -34.81

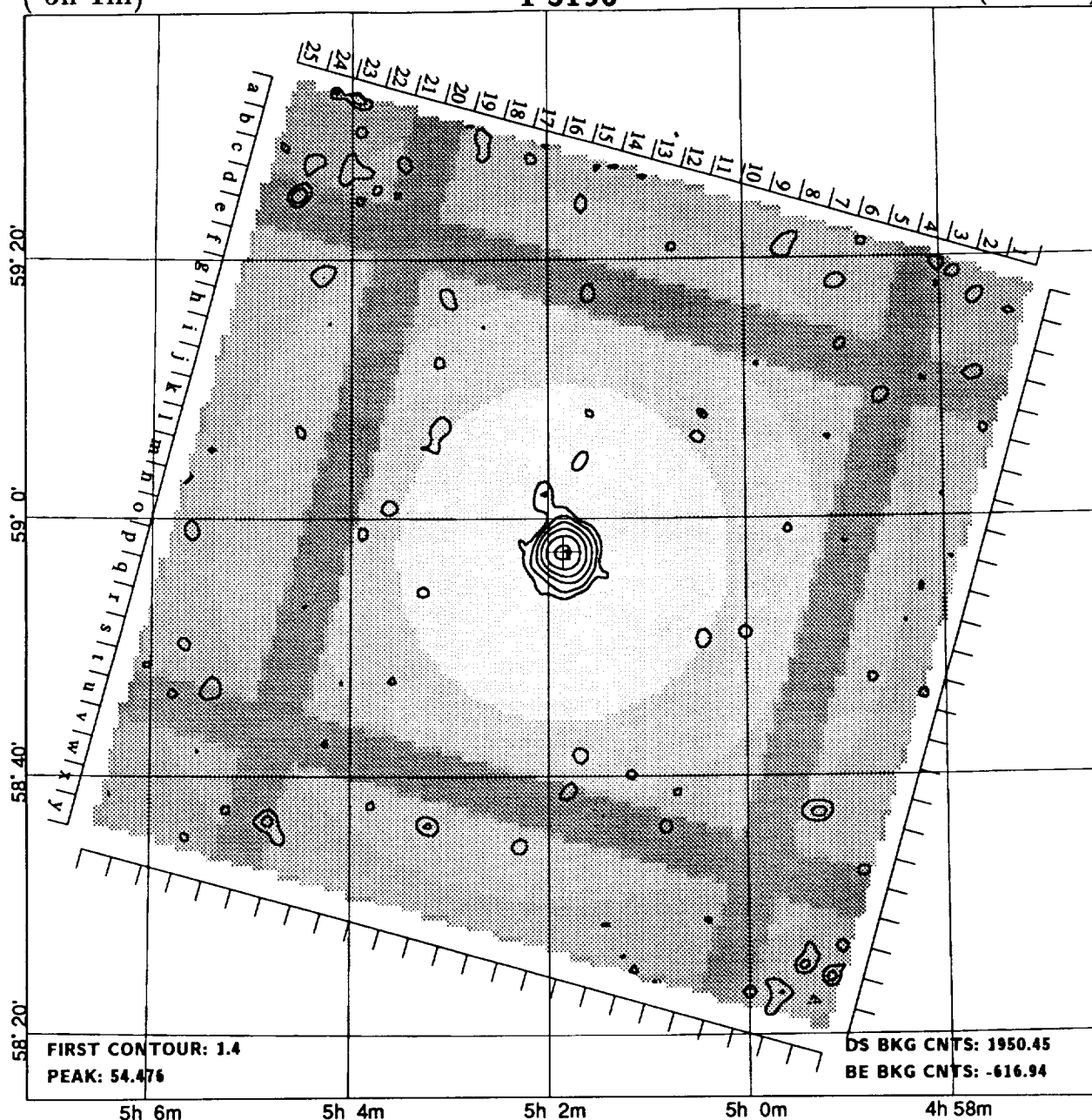
DATE: 1979/167 - 1979/167
 LIVETIME: 450.1s
 ROLL ANGLE: -8.5°

NH: 8.6E+20
 REF/ID:
 FIELD FLAGS:

(5h 1m)

I 3196

(5h 1m)



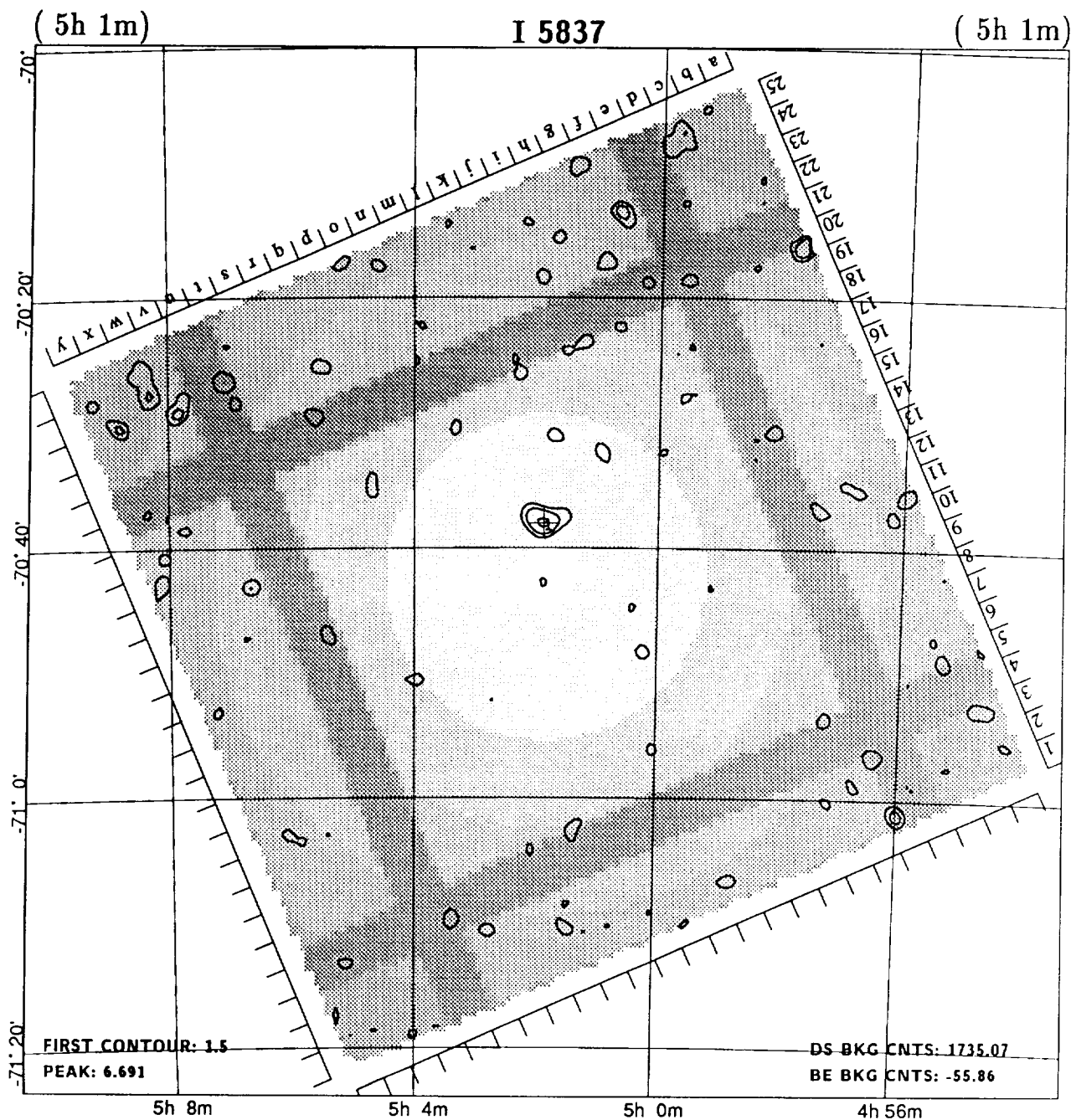
RS CVN SYSTEMS: 12 CAM

FIELD CENTER: $05^h 01^m 50.6^s$ $58^\circ 57' 14''$ (B1950)
 $05^h 06^m 12.2^s$ $59^\circ 01' 17''$ (J2000)
 $l: 150.95$ $b: 10.83$

DATE: 1979/ 85 - 1979/ 85
 LIVETIME: 1580.5s
 ROLL ANGLE: 105.6°

NH: $2.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1213	1	05 01 51.2	58 57 24	31	0.207	0.013	244.2	2.8	15.5	1.4	0	0.4	H	CV



LMC SURVEY:

FIELD CENTER: $05^{\text{h}}01^{\text{m}}51.0^{\text{s}}$ $-70^{\circ}41'59''$ (B1950)
 $05^{\text{h}}01^{\text{m}}20.4^{\text{s}}$ $-70^{\circ}37'46''$ (J2000)
 ℓ : 282.02 b : -34.51

DATE: 1980/ 1 - 1980/ 1
 LIVETIME: 1406.0s
 ROLL ANGLE: 156.5°

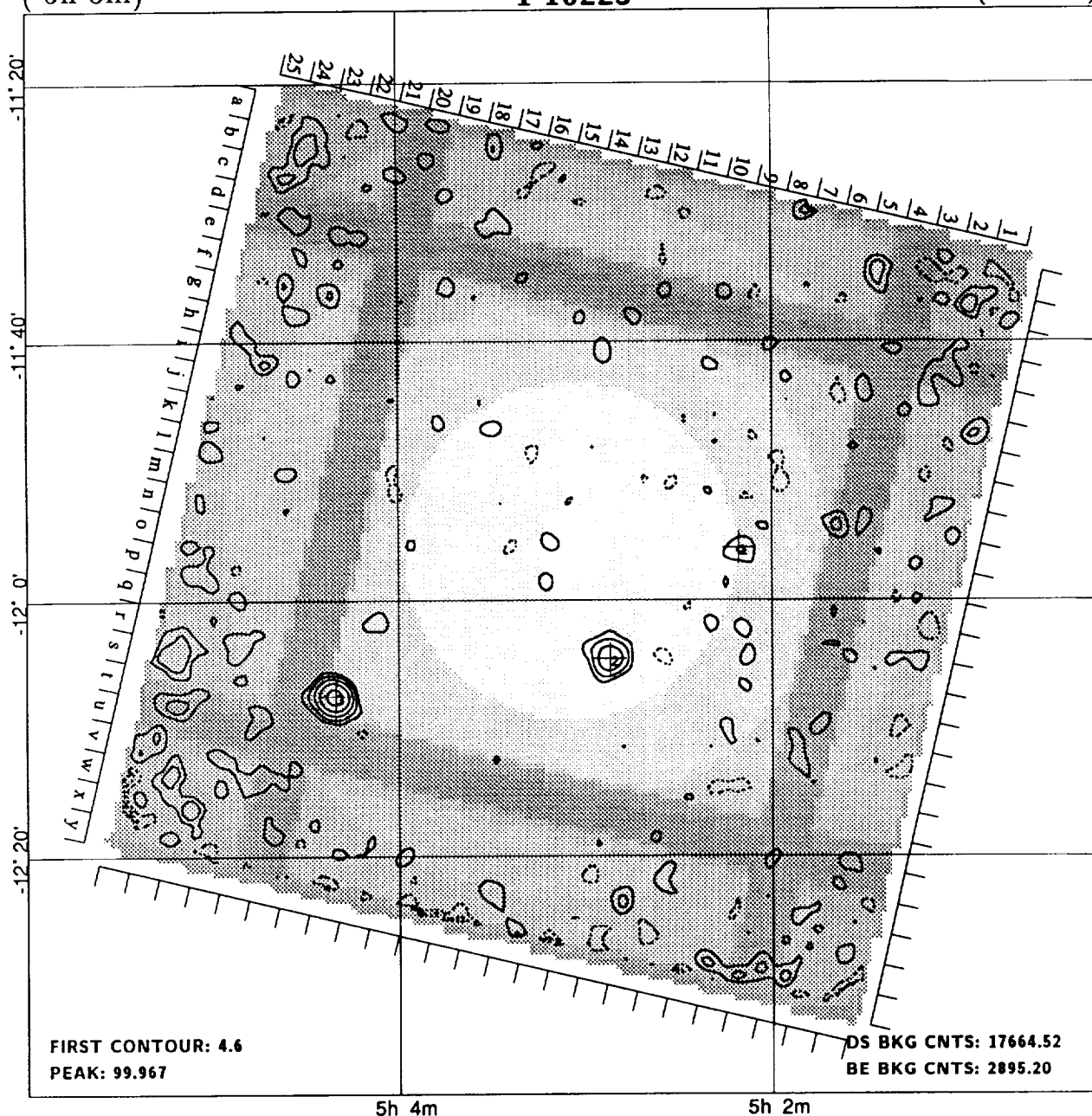
NH: $8.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1214	1	05 01 52.4	-70 38 00	36	0.0263	0.0055	26.5	4.5	4.8	0.9	0	4.1	AH	S

(5h 3m)

I 10225

(5h 3m)



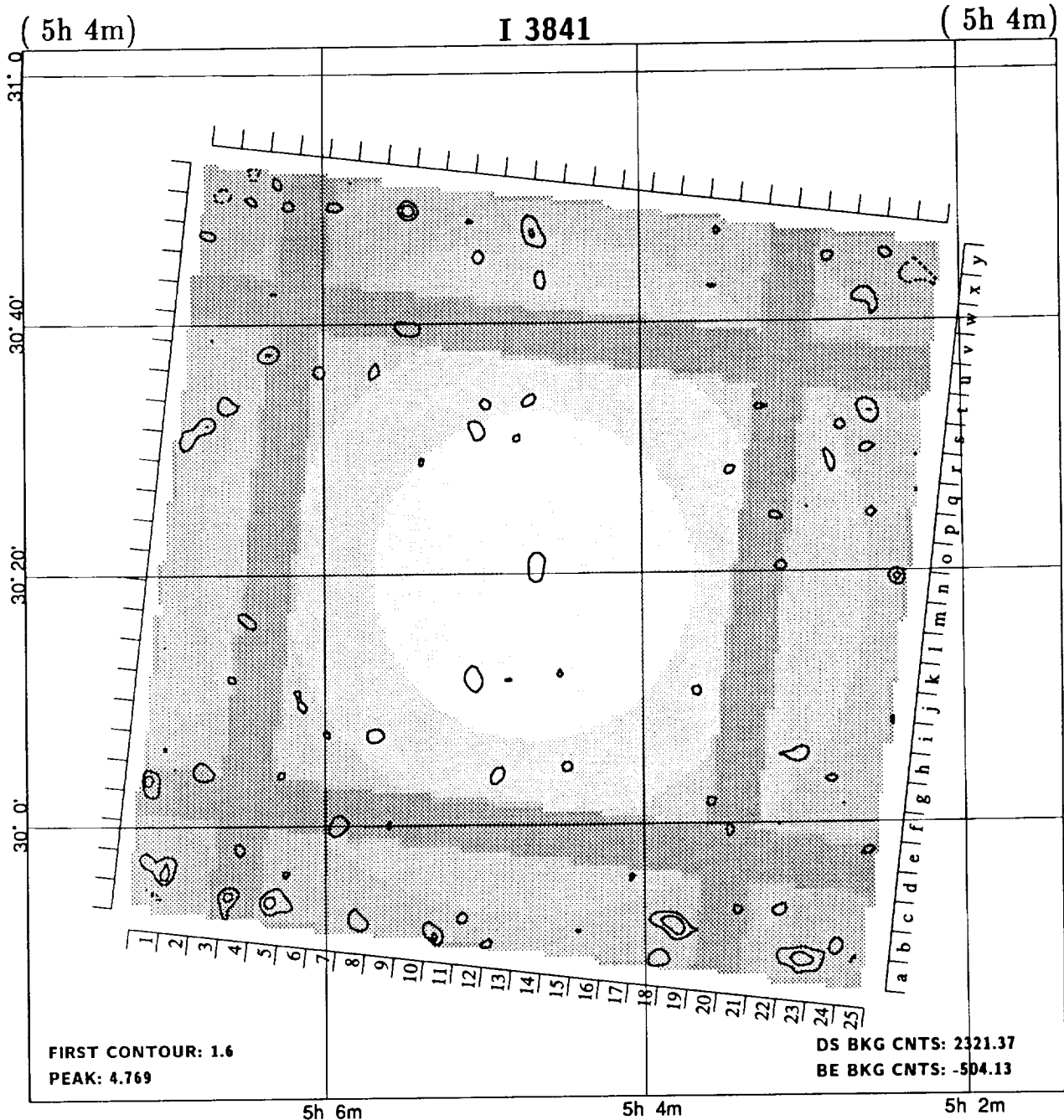
N 1784: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $05^h 03^m 06.6^s$ $-11^\circ 56' 23''$ (B1950)
 $05^h 05^m 26.7^s$ $-11^\circ 52' 22''$ (J2000)
 $l: 211.89$ $b: -28.84$

DATE: 1981/ 51 - 1981/ 51
 LIVETIME: 14314.0s
 ROLL ANGLE: 103.2°

NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1215	1	05 02 10.6	-11 55 55	46	0.00378	0.00099	33.6	43.4	3.8	0.6	0	13.7	
1216	2	05 02 52.0	-12 04 31	38	0.0131	0.0014	127.5	48.5	9.6	1.1	0	8.8	H
1218	3	05 04 20.1	-12 07 27	47	*0.0341	0.0024	236.8	38.2	14.3	1.0	602	21.1	H

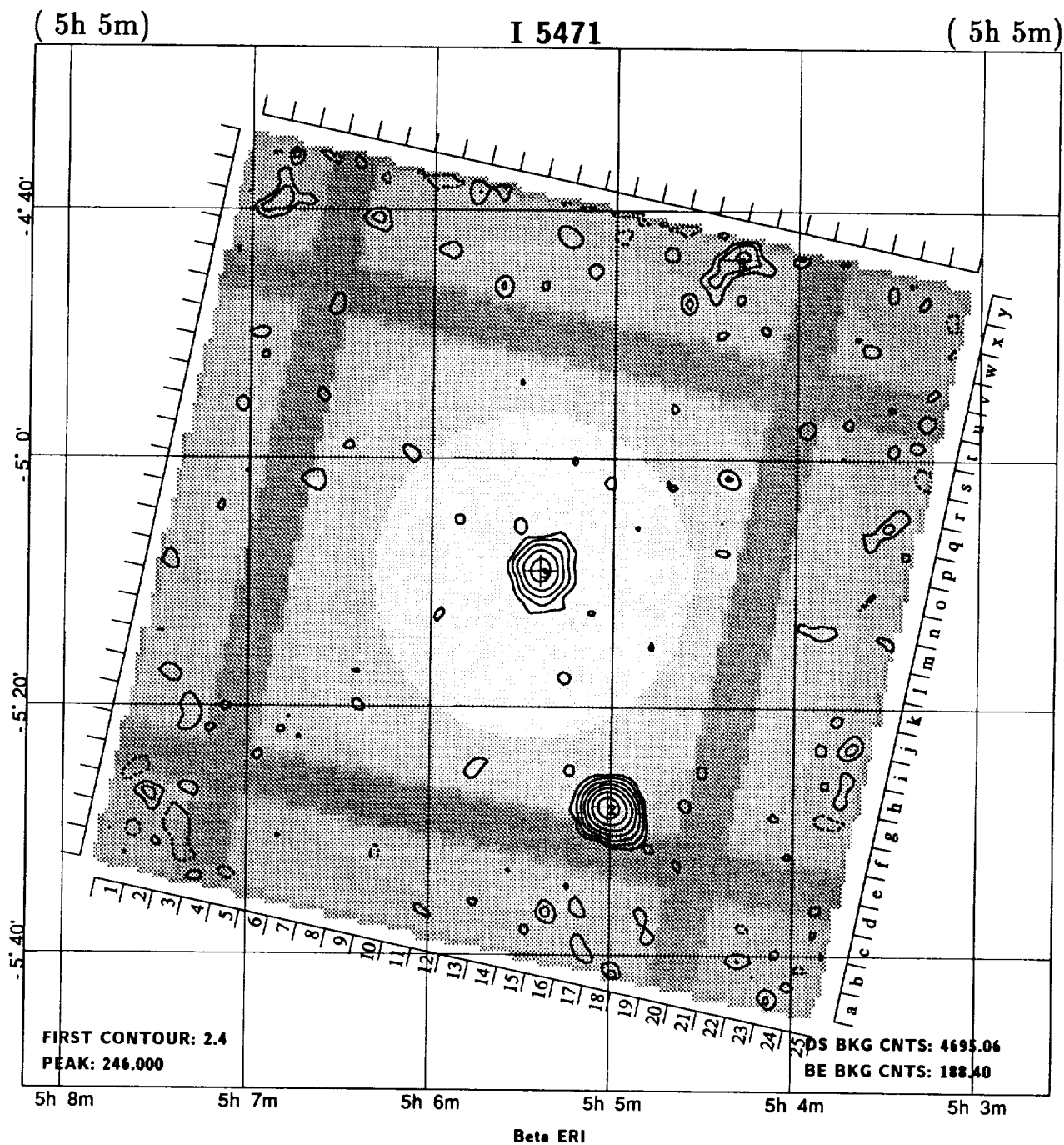


T TAURI STARS: RW AUR

FIELD CENTER: $05^h 04^m 37.7^s$ $30^\circ 20' 12''$ (B1950)
 $05^h 07^m 49.5^s$ $30^\circ 24' 05''$ (J2000)
 $l: 174.20$ $b: -6.00$

DATE: 1979/263 - 1979/263
 LIVETIME: 1881.1s
 ROLL ANGLE: -83.4°

NH: $3.4E+21$
 REF/ID:
 FIELD FLAGS:

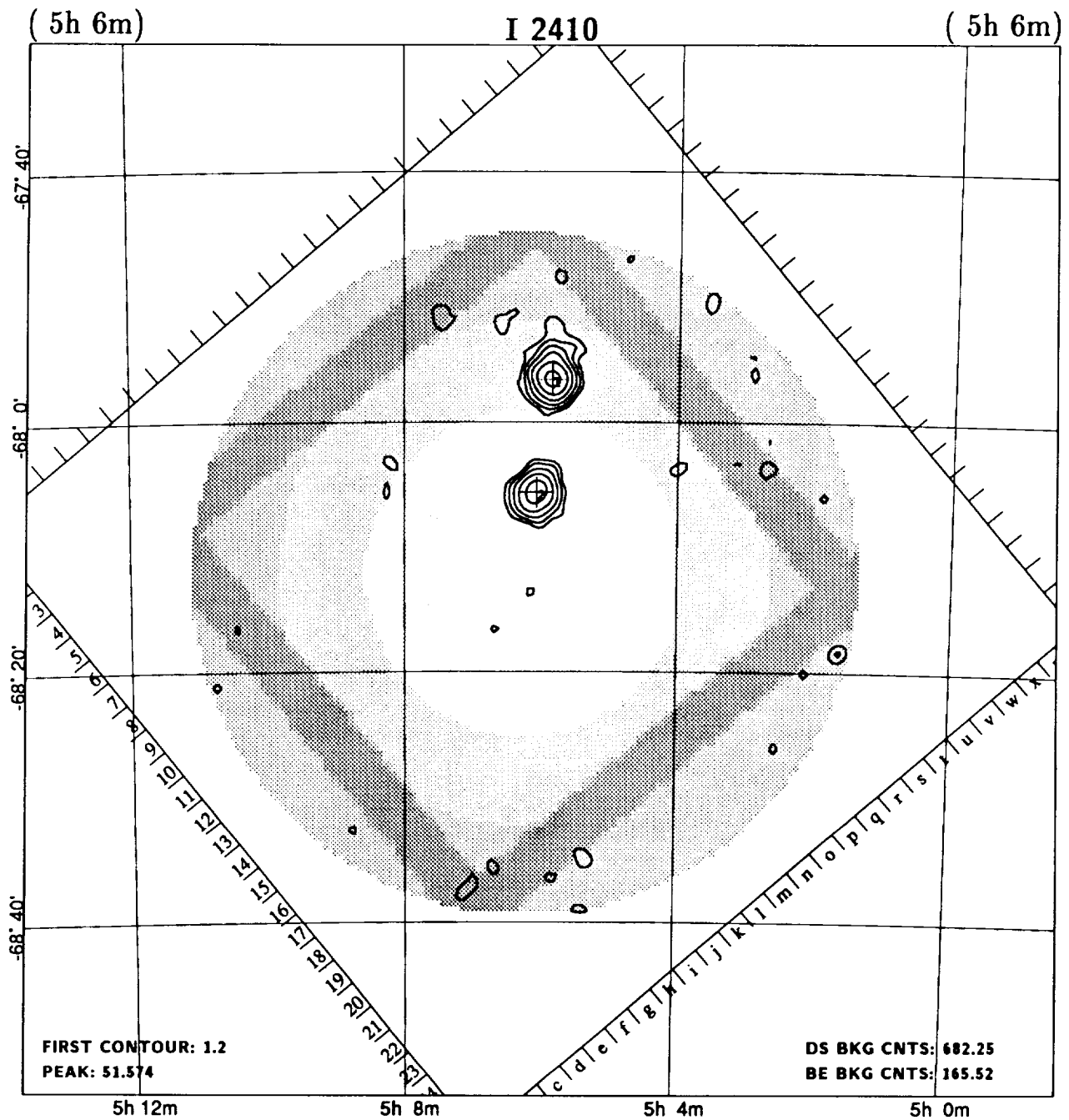


FIELD CENTER: $05^h 05^m 23.4^s$ $-05^\circ 08' 57''$ (B1950)
 $05^h 07^m 51.3^s$ $-05^\circ 05' 06''$ (J2000)
 $l: 205.34$ $b: -25.31$

DATE: 1980/238 - 1980/238
 LIVETIME: 3804.5s
 ROLL ANGLE: -78.2°

NH: $8.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1217	1	05 04 19.6	-04 43 53	55	0.0157	0.0041	20.1	7.9	3.8	1.4	500	29.8	H	
1220	2	05 05 01.0	-05 28 00	47	0.345	0.013	680.1	7.9	25.9	1.2	400	19.6	H	
1221	3	05 05 24.0	-05 08 59	31	0.0882	0.0057	250.0	12.0	15.4	1.4	0	0.4	H	



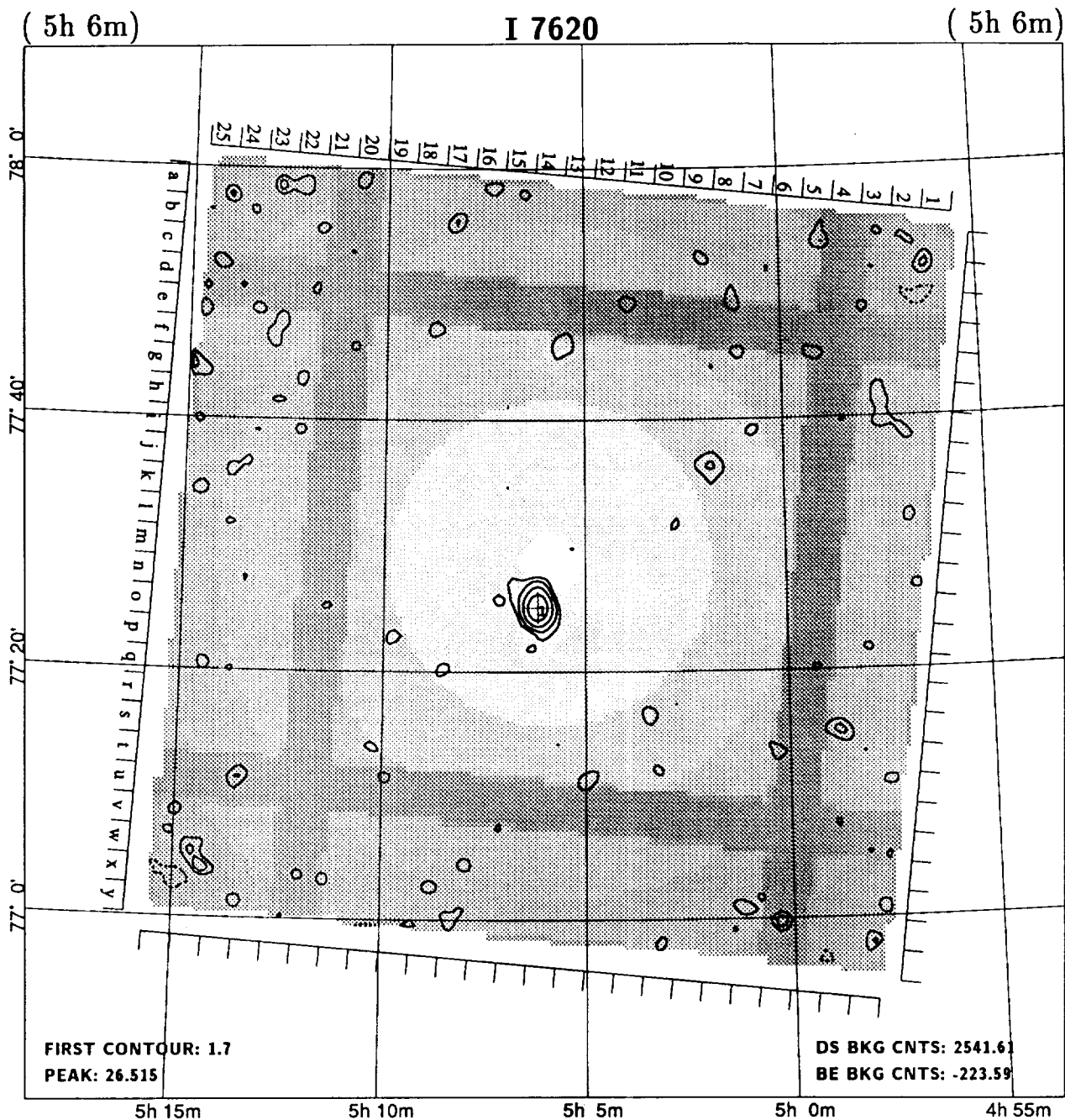
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 06^m 00.0^s$ $-68^\circ 11' 59''$ (B1950)
 $05^h 05^m 51.5^s$ $-68^\circ 08' 04''$ (J2000)
 $l: 278.97$ $b: -34.79$

DATE: 1979/205 - 1979/205
 LIVETIME: 552.9s
 ROLL ANGLE: -40.0°

NH: $6.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1222	1	05 05 50.2	-67 56 40	47	0.501	0.040	160.5	1.5	12.6	1.3	0	15.3	H	SNR
1223	2	05 06 03.9	-68 05 36	38	0.305	0.028	117.7	2.3	10.7	1.2	0	6.5	AH	SNR



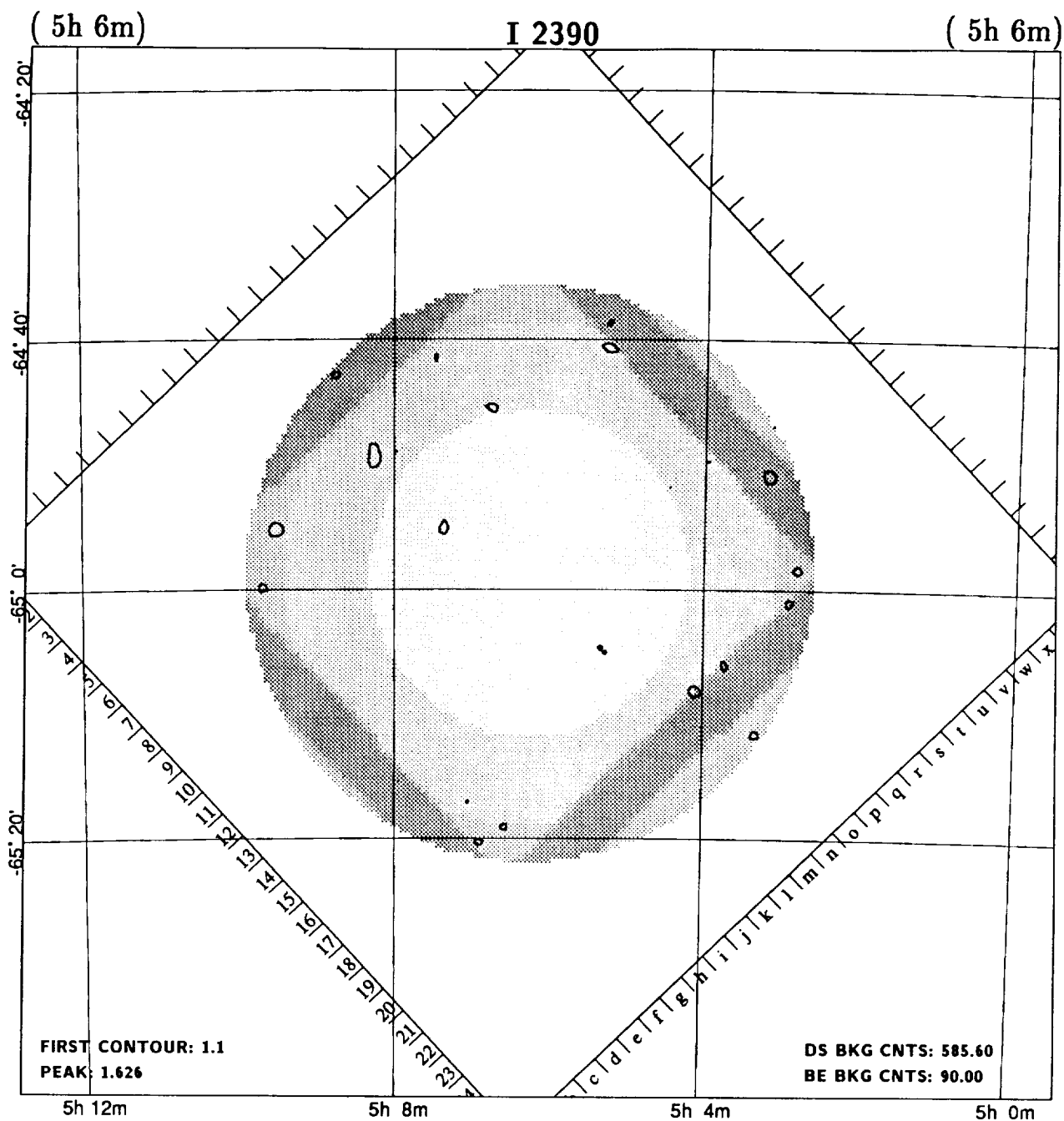
4C77.05, RADIO SOURCES WITH STEEP SPECTRA

FIELD CENTER: $05^h 06^m 00.0^s$ $77^\circ 27' 59''$ (B1950)
 $05^h 13^m 27.7^s$ $77^\circ 31' 37''$ (J2000)
 $l: 135.12$ $b: 21.44$

DATE: 1980/ 70 - 1980/ 70
 LIVETIME: 2059.5s
 ROLL ANGLE: 95.2°

NH: $9.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1224	1	05 06 10.7	77 25 06	31	0.0609	0.0066	91.0	6.0	9.2	1.1	0	2.9	H	



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 06^m 07.2^s$ $-64^\circ 58' 47''$ (B1950)
 $05^h 06^m 21.9^s$ $-64^\circ 54' 54''$ (J2000)
 $l: 275.11$ $b: -35.45$

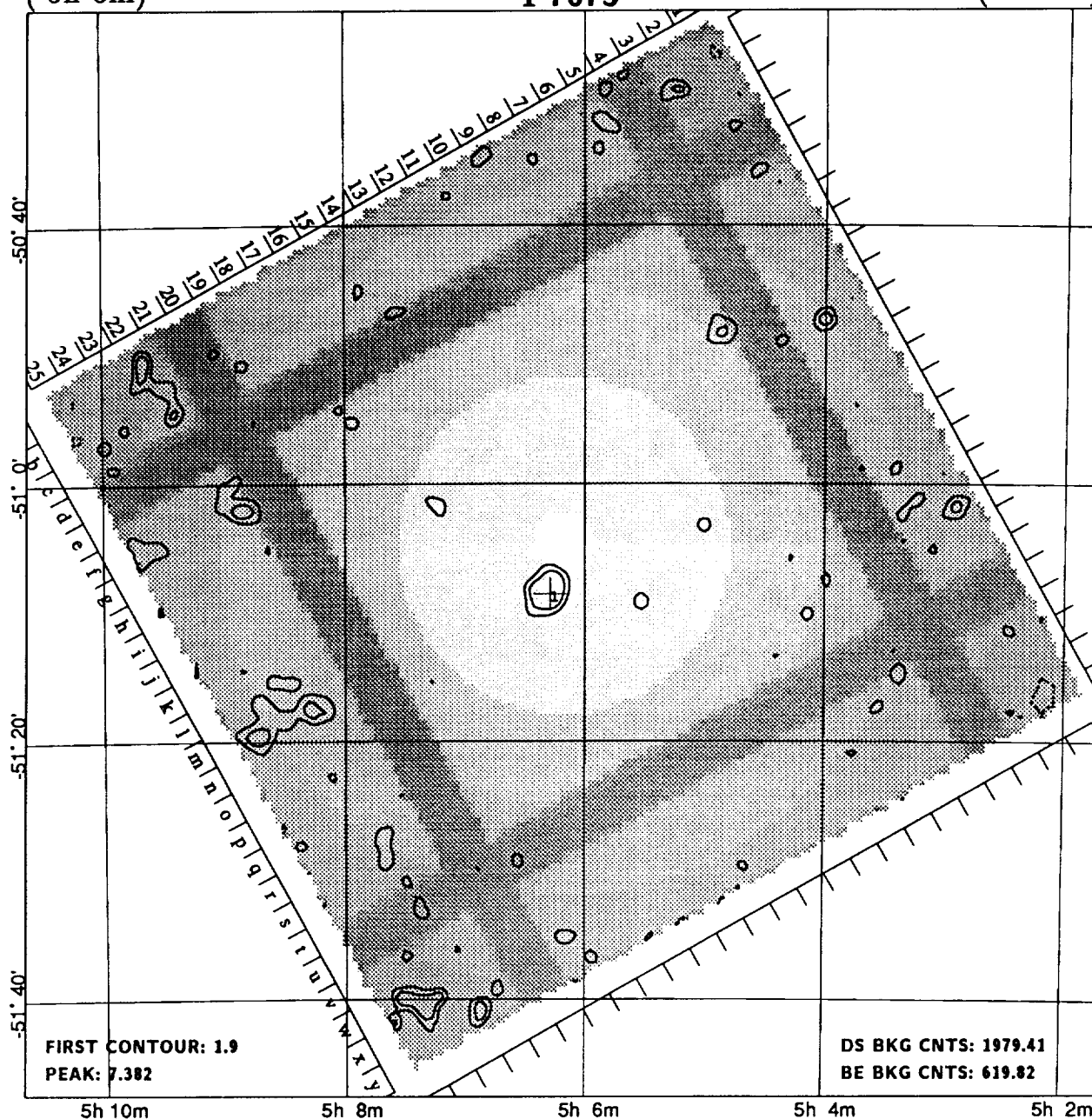
DATE: 1979/205 - 1979/205
 LIVETIME: 474.5s
 ROLL ANGLE: -43.5°

NH: $3.6E+20$
 REF/ID:
 FIELD FLAGS:

(5h 6m)

I 7673

(5h 6m)



H0511-50, POSITION 2

FIELD CENTER: $05^{\text{h}}06^{\text{m}}11.0^{\text{s}}$ $-51^{\circ}05'29''$ (B1950)
 $05^{\text{h}}07^{\text{m}}24.2^{\text{s}}$ $-51^{\circ}01'39''$ (J2000)
 $l: 257.98$ $b: -36.87$

DATE: 1980/ 99 - 1980/ 99
 LIVETIME: 1661.6s
 ROLL ANGLE: 61.0°

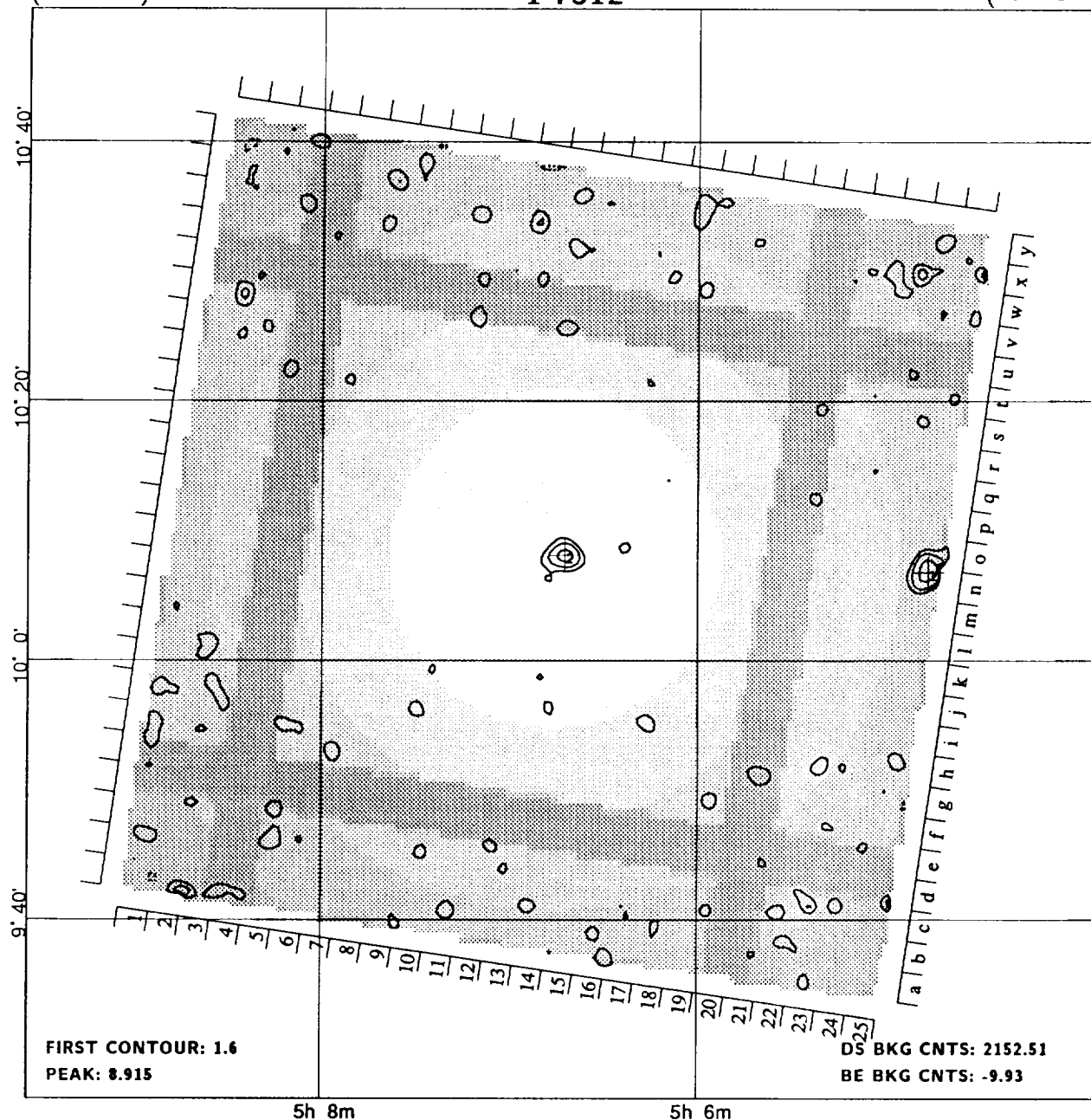
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1225	1	05 06 17.4	-51 08 31	36	0.0285	0.0053	34.2	5.8	5.4	1.2	0	3.3	H	

(5h 6m)

I 7512

(5h 6m)



5h 8m

5h 6m

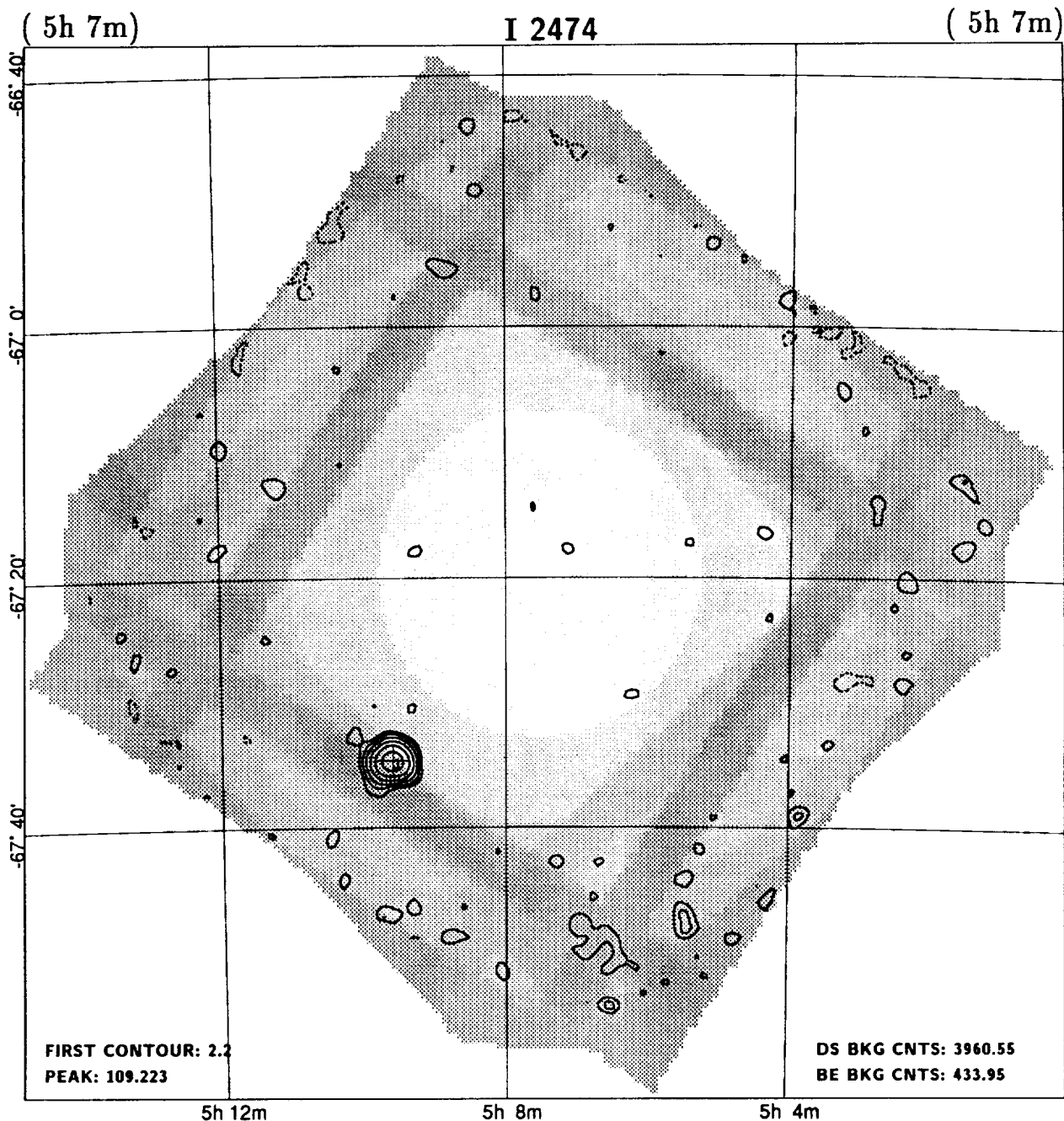
PKS 0506+101, IDENTIFICATION OF NEW BL LAC OBJECTS

FIELD CENTER: $05^h 06^m 42.8^s$ $10^\circ 08' 10''$ (B1950)
 $05^h 09^m 28.2^s$ $10^\circ 11' 56''$ (J2000)
 ℓ : 191.39 b : -17.23

DATE: 1980/239 - 1980/239
 LIVETIME: 1744.2s
 ROLL ANGLE: -81.7°

NH: 1.5E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1219	1	05 04 47.0	10 06 48	52	*0.0419	0.0092	23.7	3.3	4.6	1.0	602	28.7	EH	
1226	2	05 06 42.4	10 08 09	36	0.0197	0.0043	25.5	5.5	4.6	0.8	0	0.2	H	Q



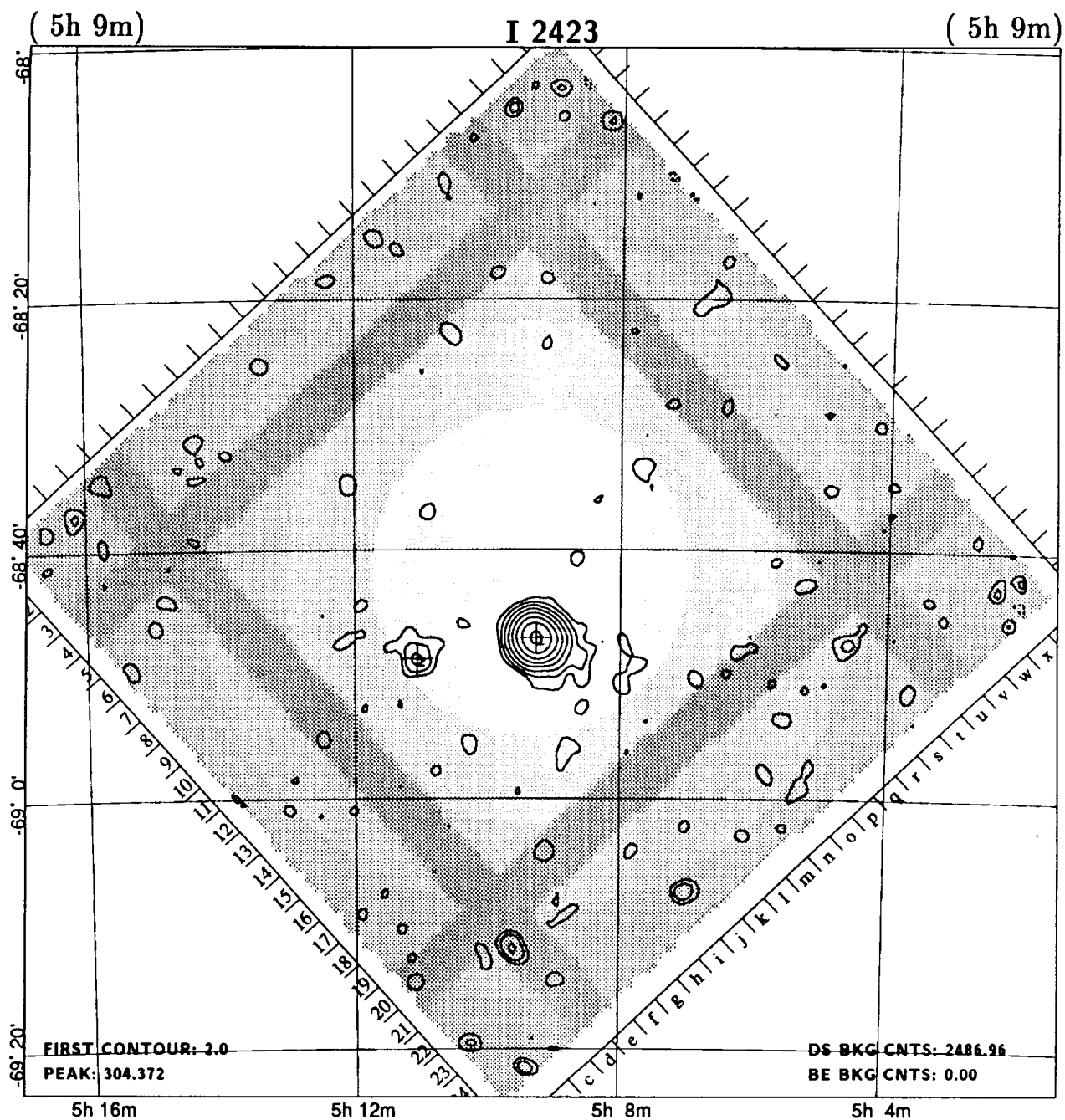
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h07^m26.6^s -67°19'40" (B1950)
 05^h07^m24.8^s -67°15'52" (J2000)
 l : 277.89 b : -34.85

DATE: 1979/205 - 1979/311
LIVETIME: 3209.3s

NH: 5.3E+20
REF/ID:
FIELD FLAGS: S

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1235	1	05 09 35.6	-67 34 36	47	*0.186	0.011	313.9	6.1	17.5	1.1	906	19.5	AH	SNR



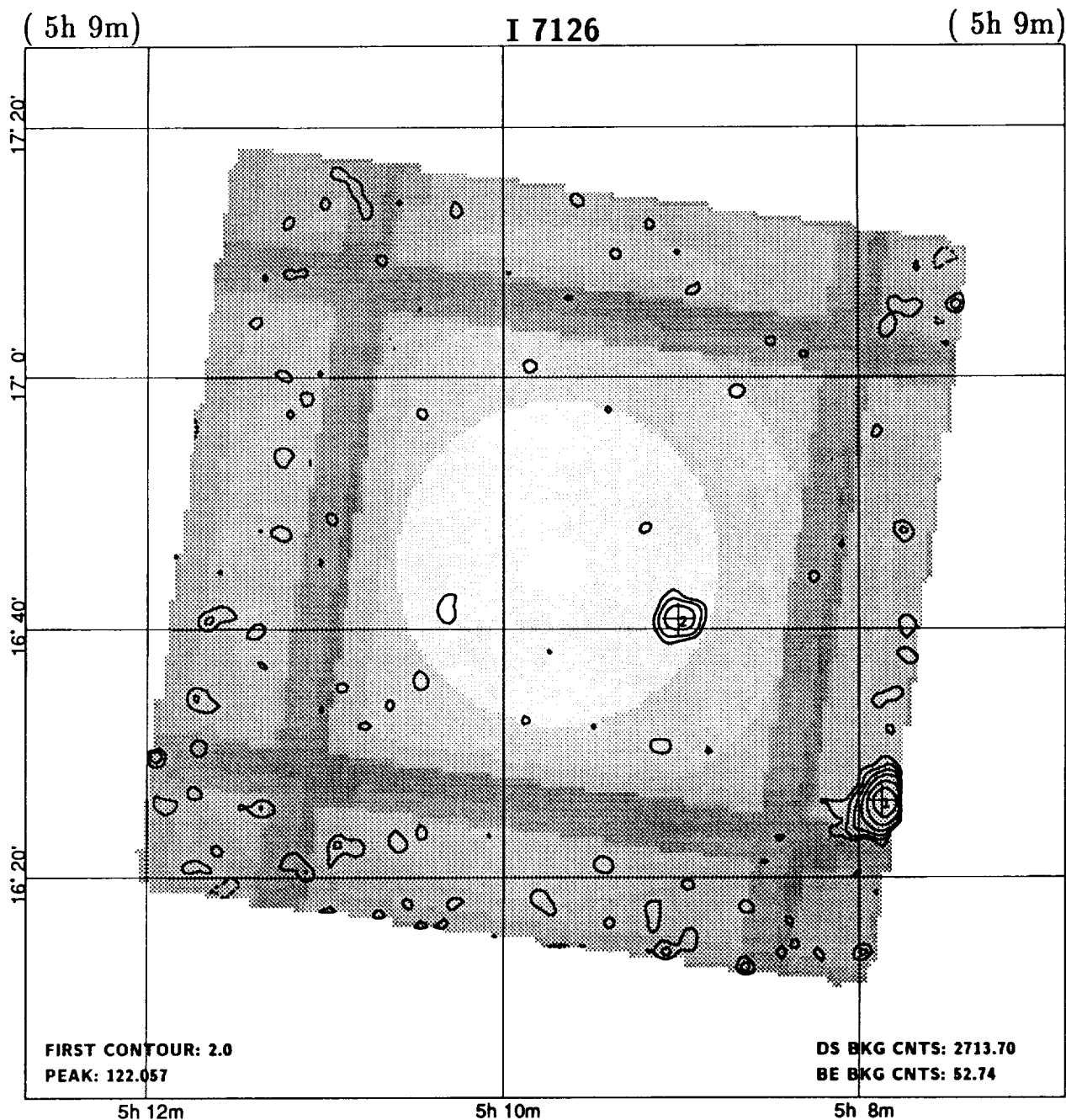
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 09^m 12.0^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 08^m 58.8^s$ $-68^\circ 38' 18''$ (J2000)
 l : 279.48 b : -34.39

DATE: 1979/205 - 1979/205
 LIVETIME: 2015.3s
 ROLL ANGLE: -42.6°

NH: $7.0E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1232	1L	05 09 16.0	-68 47 04	37	0.769	0.027	1104.5	118.5	27.8	1.3	0	5.1	A	SNR
1237	2L	05 11 03.6	-68 48 45	42	0.0213	0.0055	27.8	9.2	3.8	1.1	0	12.2		S



H0509+167, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: 05^h09^m45.6^s 16°44'23" (B1950)
05^h12^m39.0^s 16°47'55" (J2000)
 l : 186.12 b : -12.96

DATE: 1981/ 43 - 1981/ 43
LIVETIME: 2199.0s

NH: 2.2E+21

REF/ID:

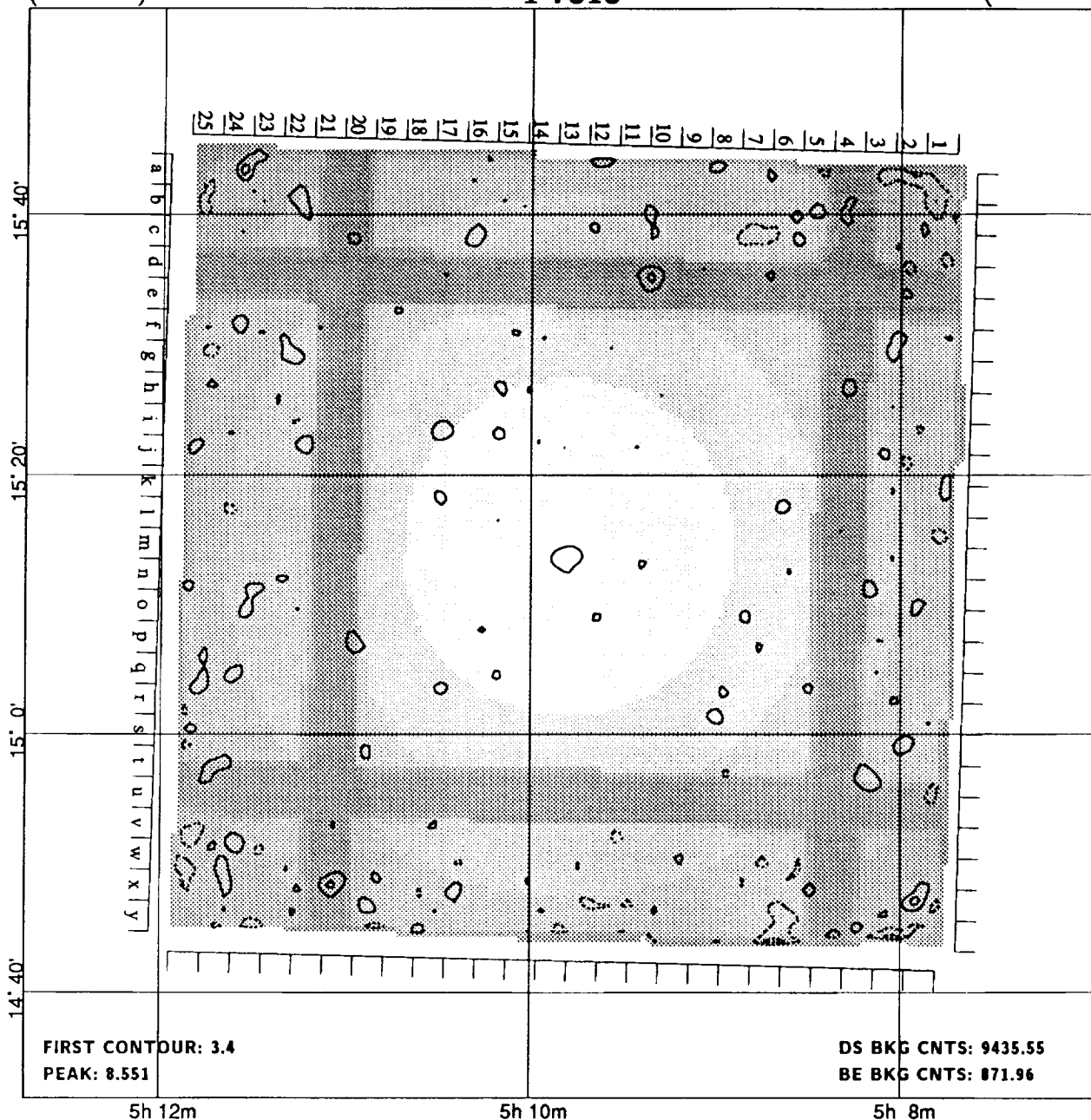
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1228	1	05 07 52.3	16 26 09	47	0.282	0.021	189.9	4.1	13.6	1.2	500	32.5	H	
1231	2	05 09 00.9	16 40 48	41	0.0393	0.0055	57.1	5.9	7.2	1.1	0	11.3	H	

(5h 9m)

I 7513

(5h 9m)



PKS 509+152, IDENTIFICATION OF NEW BL LAC OBJECTS

FIELD CENTER: $05^{\text{h}}09^{\text{m}}50.1^{\text{s}}$ $15^{\circ}13'54''$ (B1950)
 $05^{\text{h}}12^{\text{m}}41.6^{\text{s}}$ $15^{\circ}17'26''$ (J2000)
 ℓ : 187.41 b : -13.79

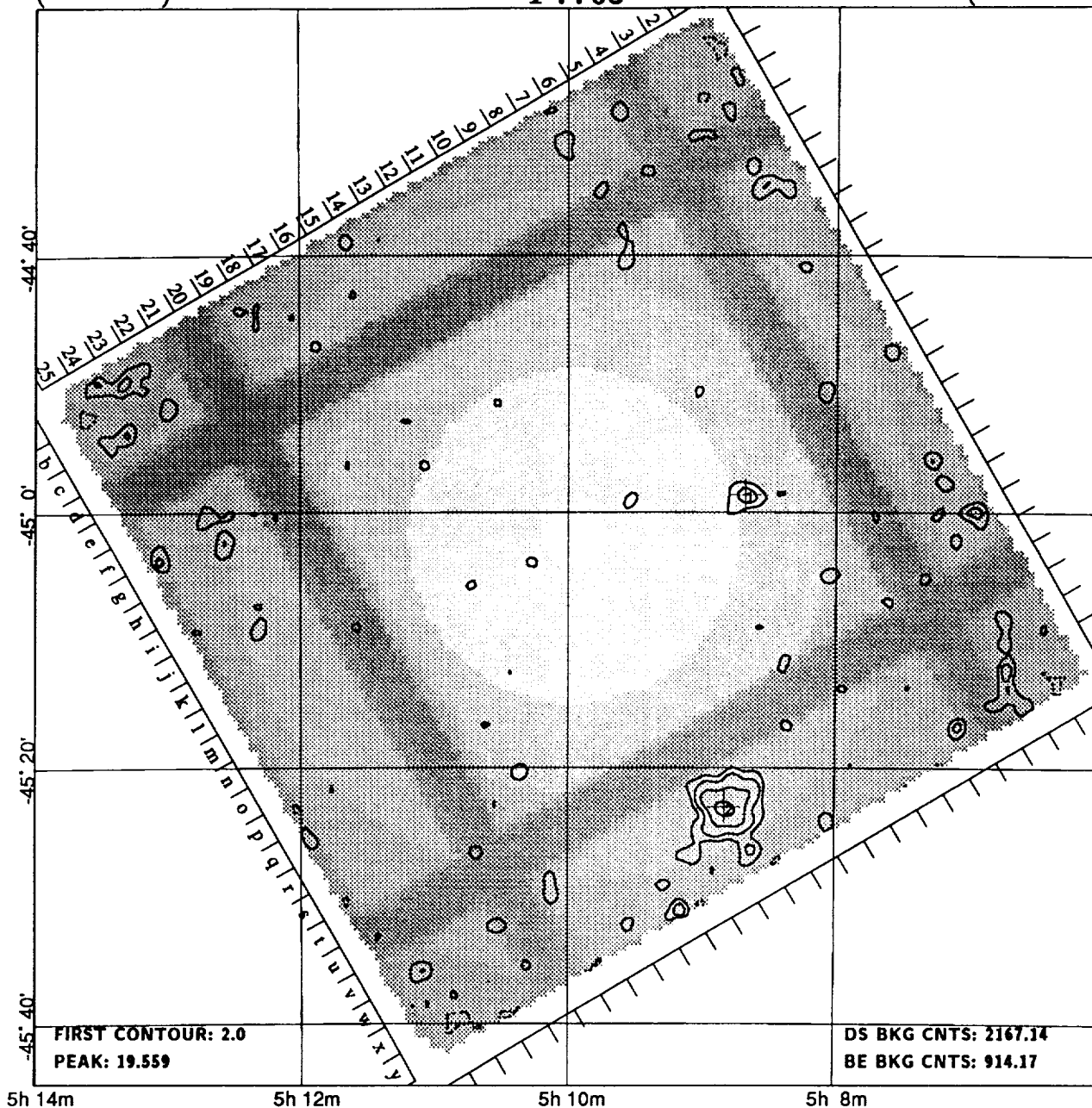
DATE: 1981/ 92 - 1981/ 92
 LIVETIME: 7645.9s
 ROLL ANGLE: 91.4°

NH: $2.1\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(5h 10m)

I 7705

(5h 10m)



KAPTEYN, NEARBY STARS

FIELD CENTER: $05^h 10^m 00.0^s$ $-45^\circ 02' 44''$ (B1950)
 $05^h 11^m 28.4^s$ $-44^\circ 59' 10''$ (J2000)
 $l: 250.49$ $b: -36.04$

DATE: 1980/ 99 - 1980/ 99
 LIVETIME: 1819.2s
 ROLL ANGLE: 59.9°

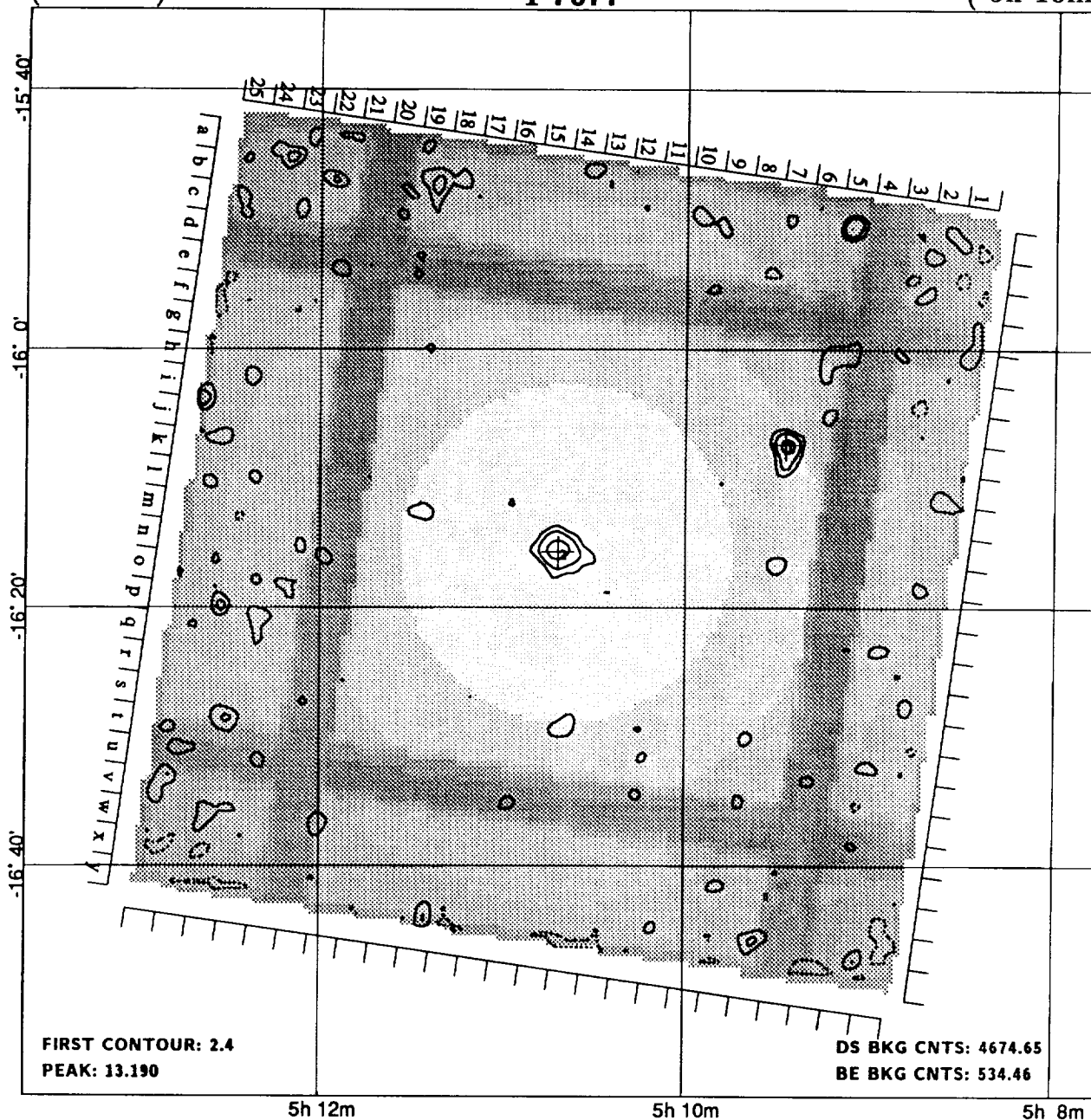
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1229	1	05 08 40.6	-44 58 37	46	0.0162	0.0045	17.9	7.1	3.6	0.8	0	14.9	H
1230	2	05 08 49.5	-45 23 02	50	0.0686	0.0097	55.4	5.6	7.1	1.9	0	23.9	H

(5h 10m)

I 7677

(5h 10m)



HD 33904, EMISSION FROM MAGNETIC AND NON-MAGNETIC AP STARS

FIELD CENTER: $05^h 10^m 41.0^s$ $-16^\circ 15' 47''$ (B1950)
 $05^h 12^m 55.7^s$ $-16^\circ 12' 18''$ (J2000)
 $l: 217.25$ $b: -28.91$

DATE: 1980/ 67 - 1980/ 67

NH: $5.7E+20$

LIVETIME: 3788.0s

REF/ID:

ROLL ANGLE: 98.0°

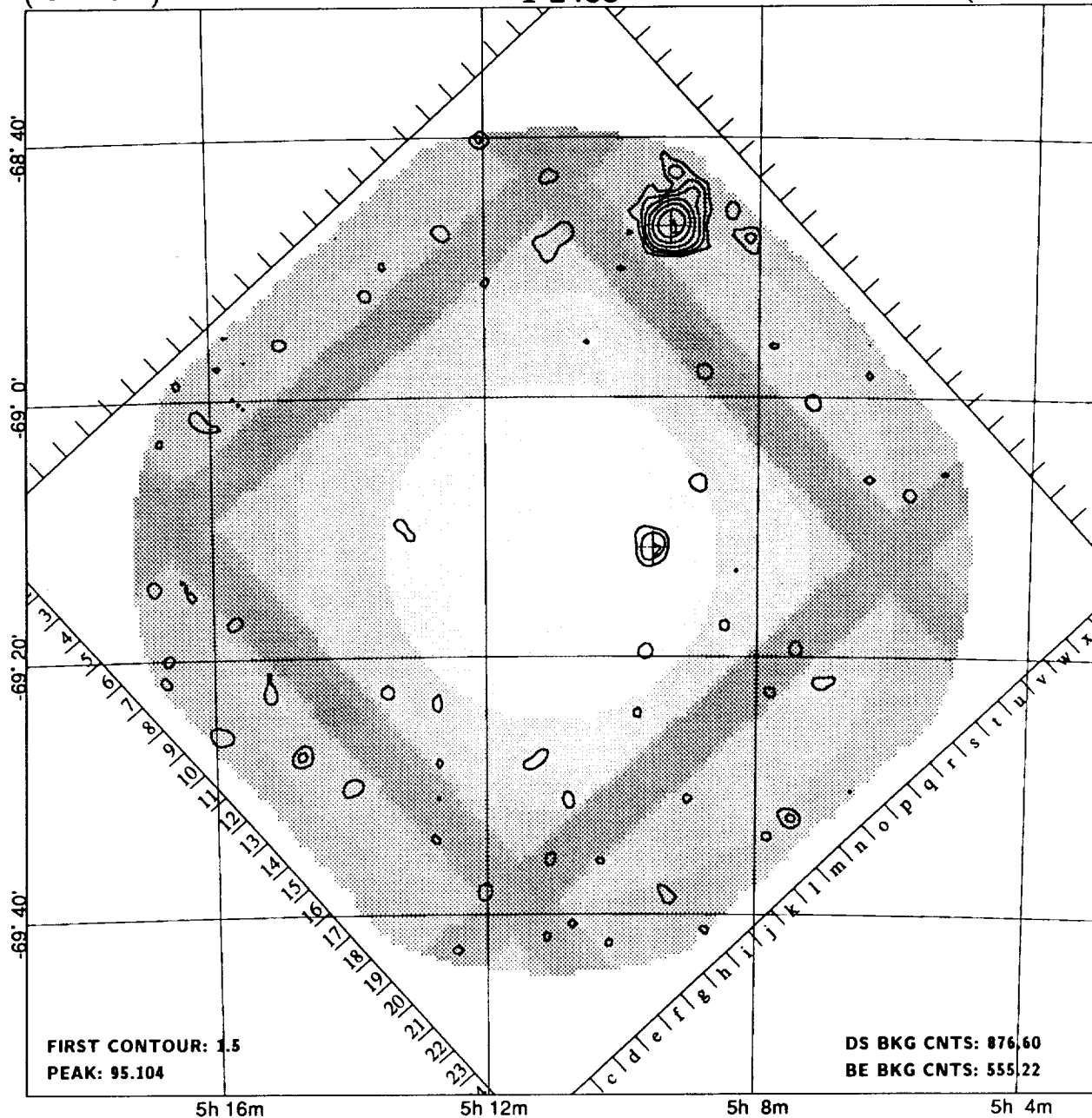
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1233	1	05 09 27.4	-16 07 21	51	0.0134	0.0030	26.8	9.2	4.5	0.9	0	19.4	H	
1236	2	05 10 41.7	-16 15 40	35	0.0213	0.0030	60.2	13.8	7.0	1.2	0	0.2	H	

(5h 10m)

I 2435

(5h 10m)



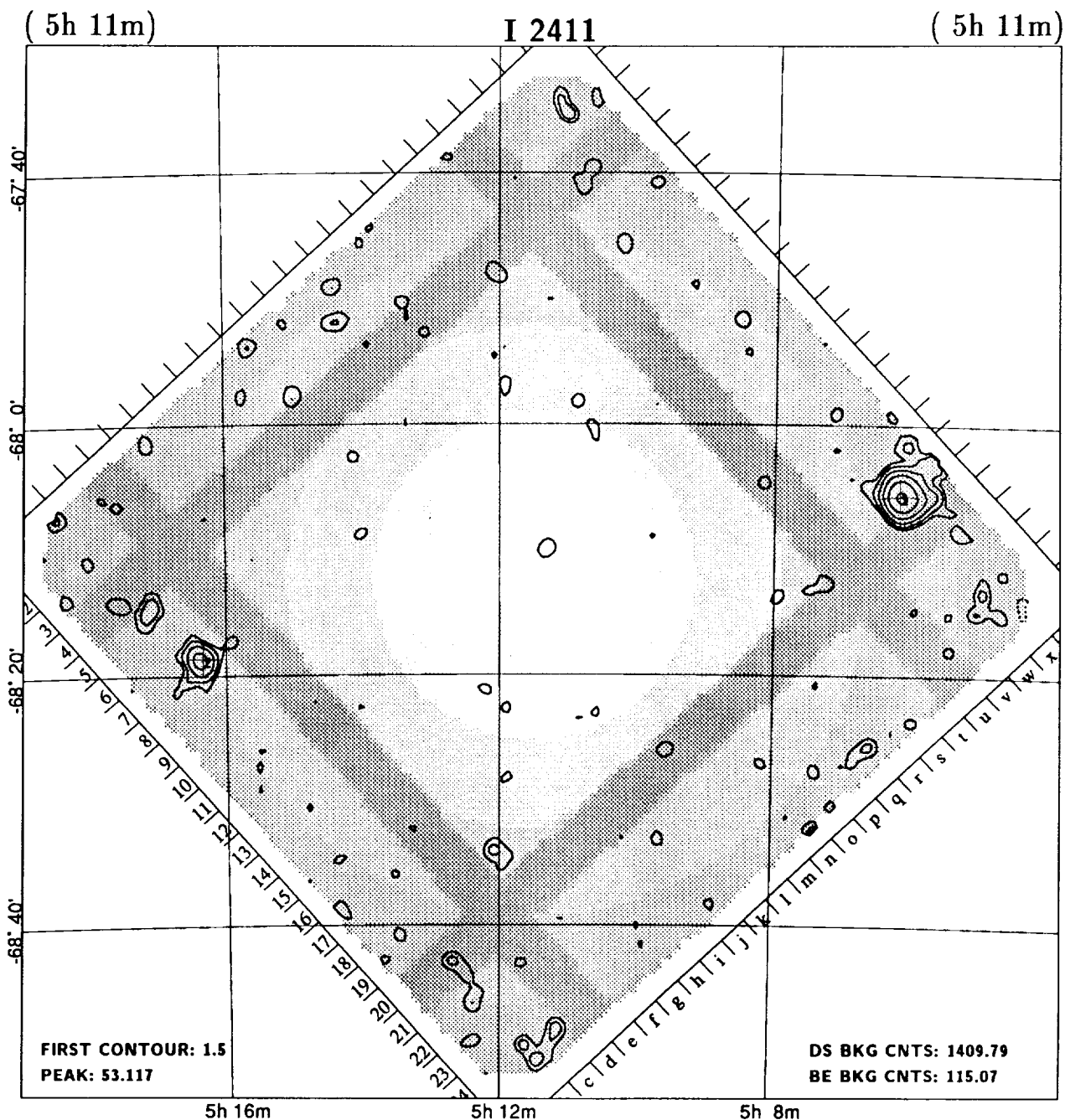
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h10^m50.4^s -69°11'59" (B1950)
 05^h10^m32.5^s -69°08'25" (J2000)
 ℓ : 280.03 b : -34.14

DATE: 1979/205 - 1979/205
 LIVETIME: 710.3s
 ROLL ANGLE: -42.3°

NH: 8.2E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1232	1	05 09 17.4	-68 46 45	47	0.726	0.051	206.9	2.1	14.3	1.2	0	26.6	AH	SNR
1234	2	05 09 32.5	-69 11 33	43	0.044	0.010	21.7	3.3	4.3	0.8	0	6.8	H	S



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 11^m 24.0^s$ $-68^\circ 11' 59''$ (B1950)
 $05^h 11^m 14.6^s$ $-68^\circ 08' 27''$ (J2000)
 $l: 278.83$ $b: -34.30$

DATE: 1979/205 - 1979/205
 LIVETIME: 1142.4s
 ROLL ANGLE: -42.5°

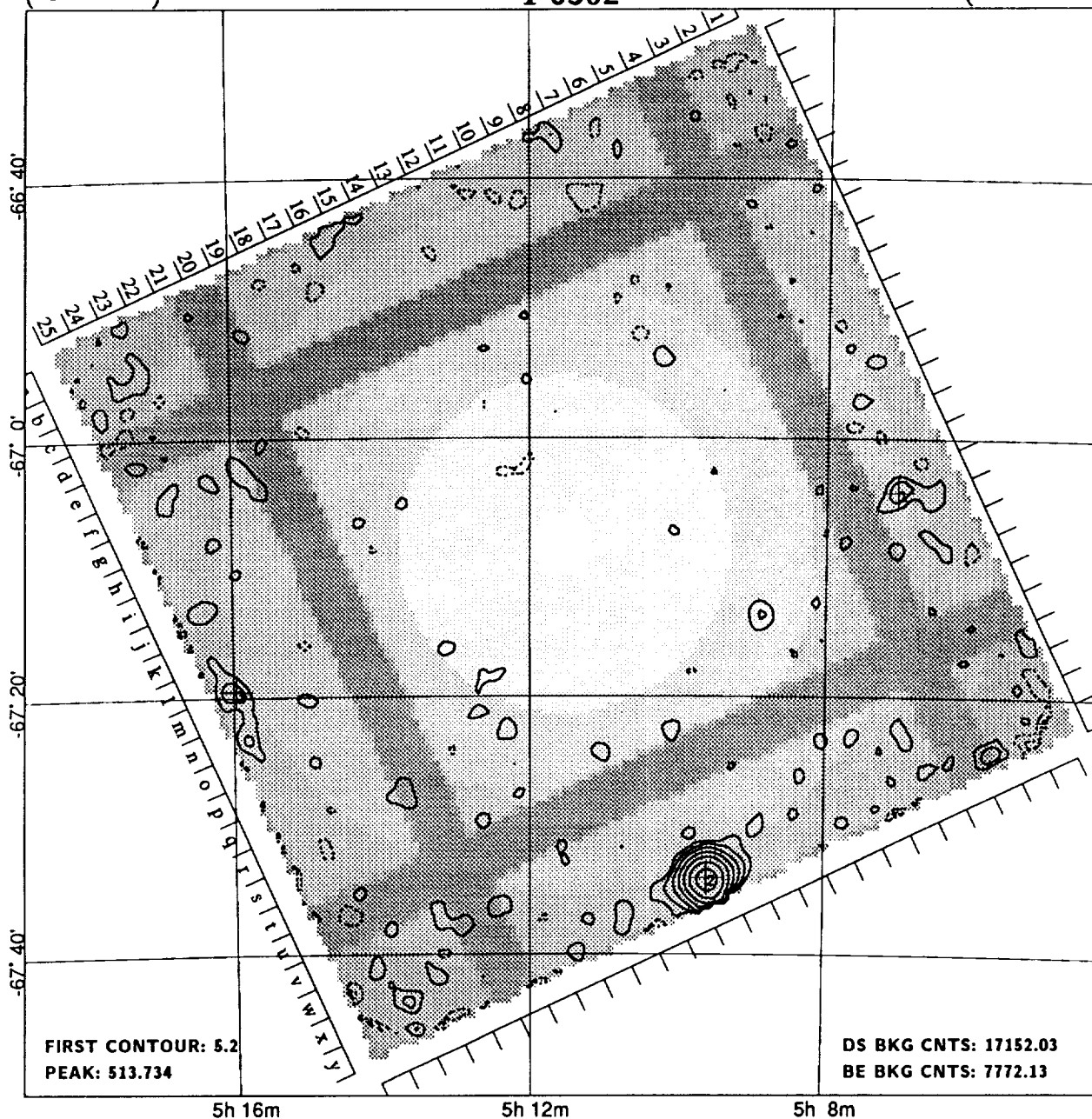
NH: $6.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1223	1	05 06 12.1	-68 05 41	48	*0.254	0.026	100.7	2.3	9.9	1.4	501	29.5	AH	SNR
1247	2	05 16 20.4	-68 18 39	51	0.065	0.013	28.5	2.5	5.1	1.0	200	28.2	AH	S

(5h 11m)

I 6302

(5h 11m)



DEM 90 + 99, SNRS IN LMC & SMC

FIELD CENTER: $05^h 11^m 33.0^s$ $-67^\circ 08' 59''$ (B1950)
 $05^h 11^m 31.9^s$ $-67^\circ 05' 28''$ (J2000)
 $l: 277.58$ $b: -34.49$

DATE: 1980/ 94 - 1980/ 94
 LIVETIME: 14397.9s
 ROLL ANGLE: 65.2°

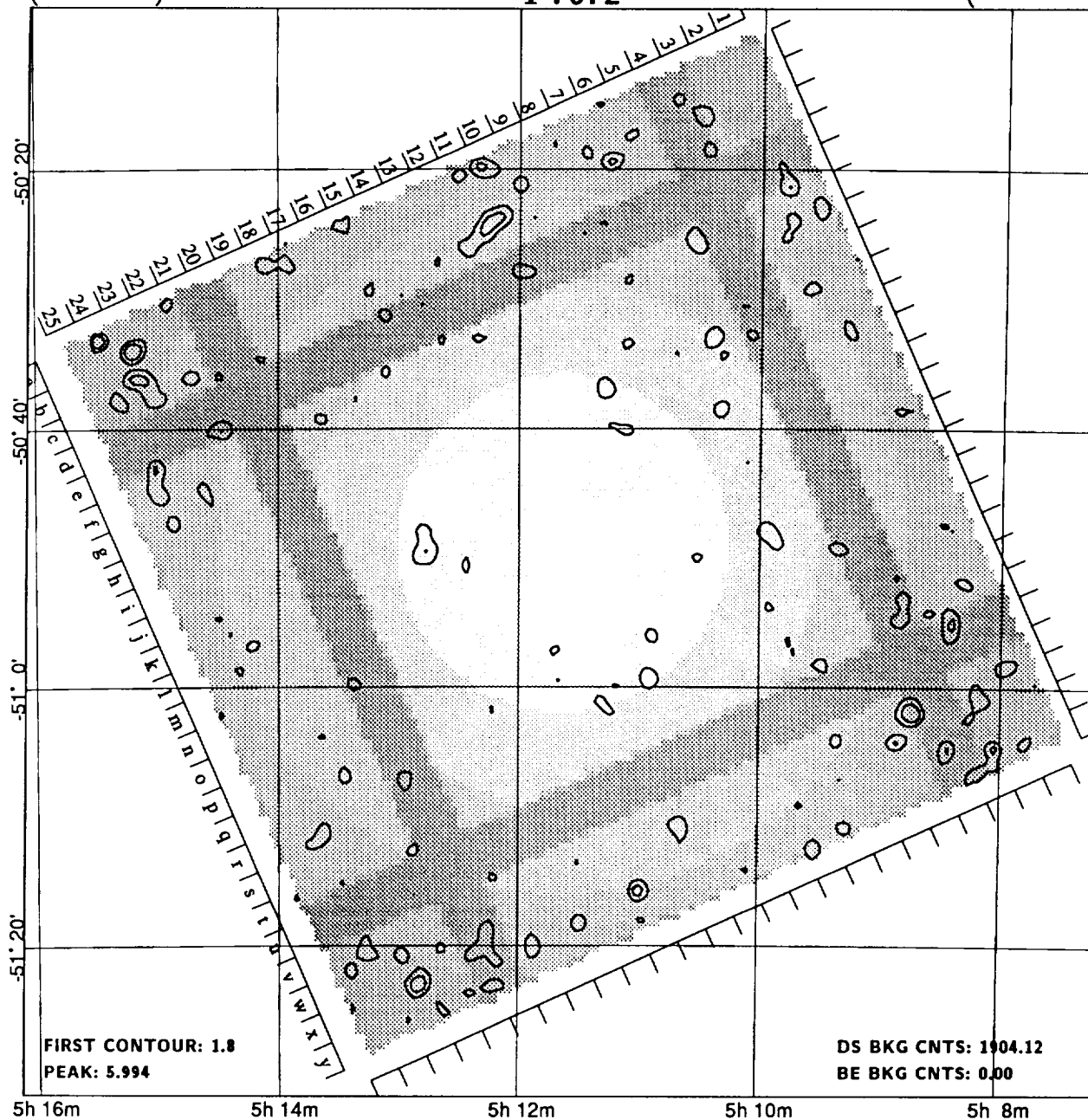
NH: $5.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1227	1	05 07 03.0	-67 04 09	57	0.0066	0.0015	38.9	39.1	4.4	1.2	300	26.4	H	
1235	2	05 09 35.4	-67 34 04	47	0.1921	0.0061	1050.4	45.6	31.7	1.2	200	27.4	AH	SNR
1246	3	05 15 58.1	-67 19 31	63	*0.0059	0.0016	32.4	41.6	3.8	2.0	502	28.5	H	

(5h 11m)

I 7672

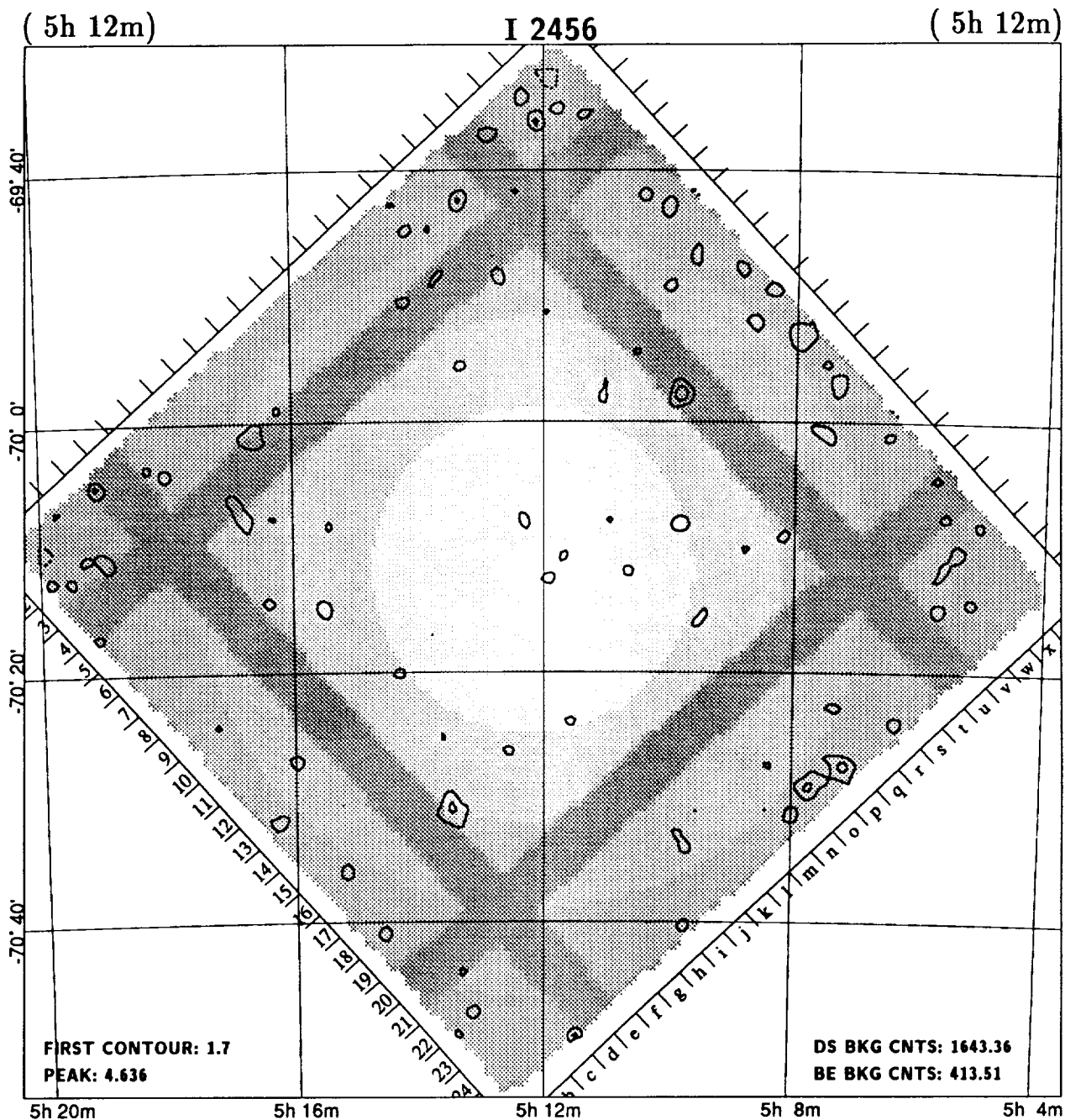
(5h 11m)



FIELD CENTER: $05^h 11^m 39.0^s$ $-50^\circ 49' 41''$ (B1950)
 $05^h 12^m 52.5^s$ $-50^\circ 46' 14''$ (J2000)
 $l: 257.65$ $b: -36.01$

DATE: 1980/ 98 - 1980/ 98
 LIVETIME: 1543.0s
 ROLL ANGLE: 65.9°

NH: $1.7E+20$
 REF/ID:
 FIELD FLAGS: L



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 12^m 00.0^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 11^m 32.5^s$ $-70^\circ 08' 29''$ (J2000)
 $l: 281.18$ $b: -33.81$

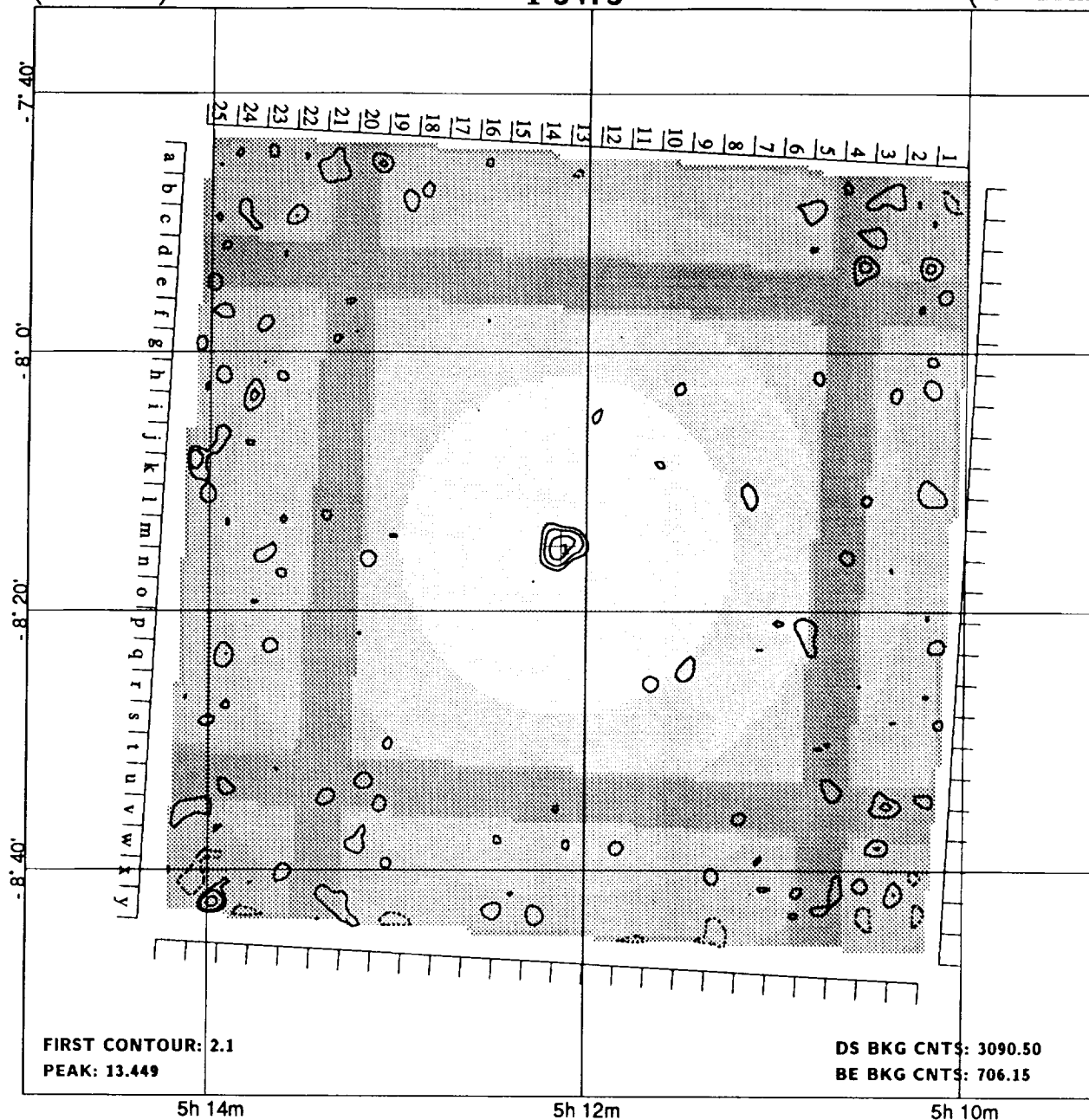
DATE: 1979/205 - 1979/205
 LIVETIME: 1331.7s
 ROLL ANGLE: -42.5°

NH: $9.1E+20$
 REF/ID:
 FIELD FLAGS:

(5h 12m)

I 5473

(5h 12m)



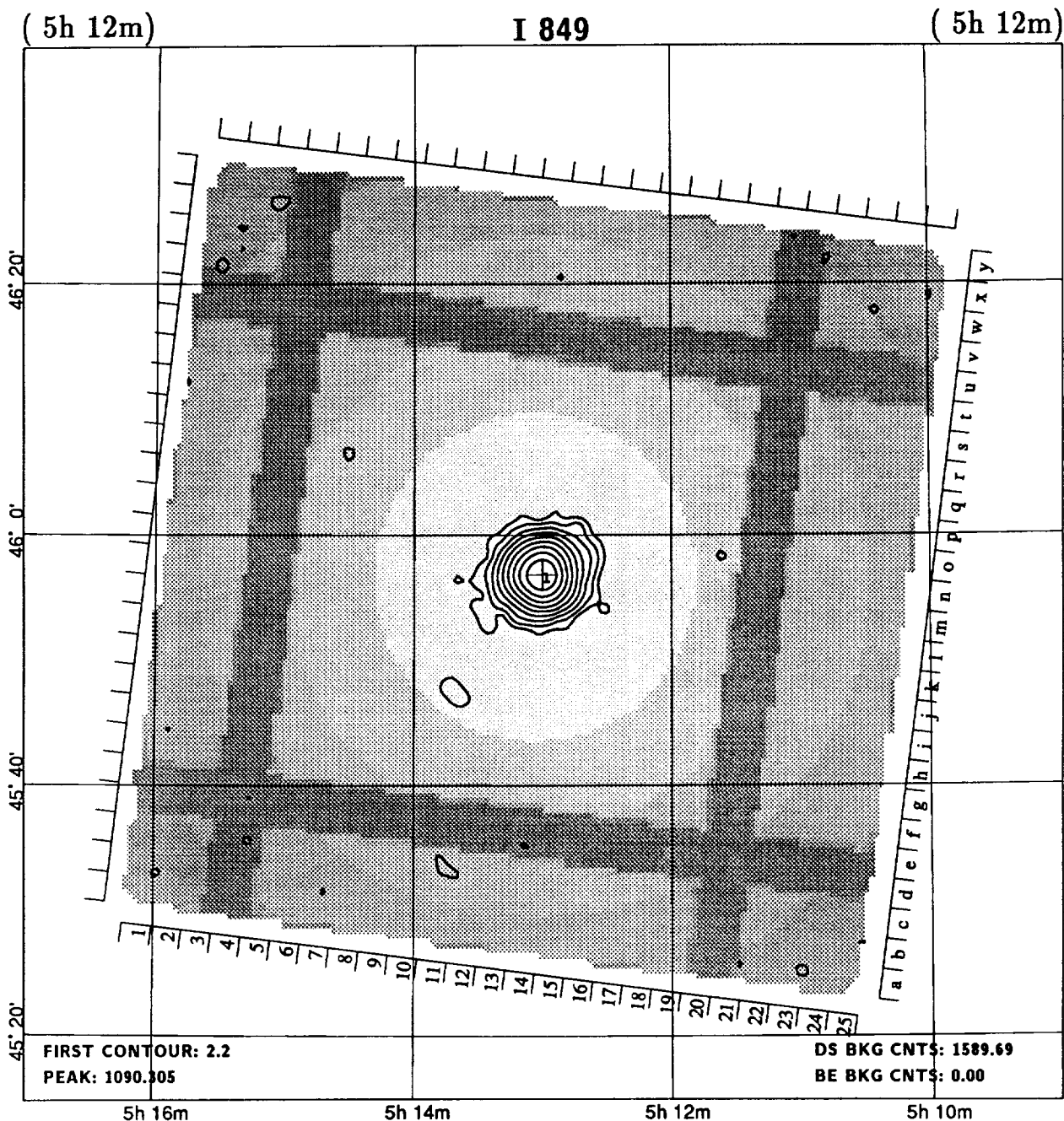
Beta ORI A

FIELD CENTER: $05^h 12^m 08.0^s -08^\circ 15' 28''$ (B1950)
 $05^h 14^m 32.3^s -08^\circ 12' 06''$ (J2000)
 $l: 209.24 \quad b: -25.25$

DATE: 1980/ 64 - 1980/ 64
 LIVETIME: 2504.3s
 ROLL ANGLE: 93.1°

NH: $8.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1238	1	05 12 08.1	-08 14 54	35	0.0315	0.0044	58.7	10.3	7.1	1.0	0	0.7	H	



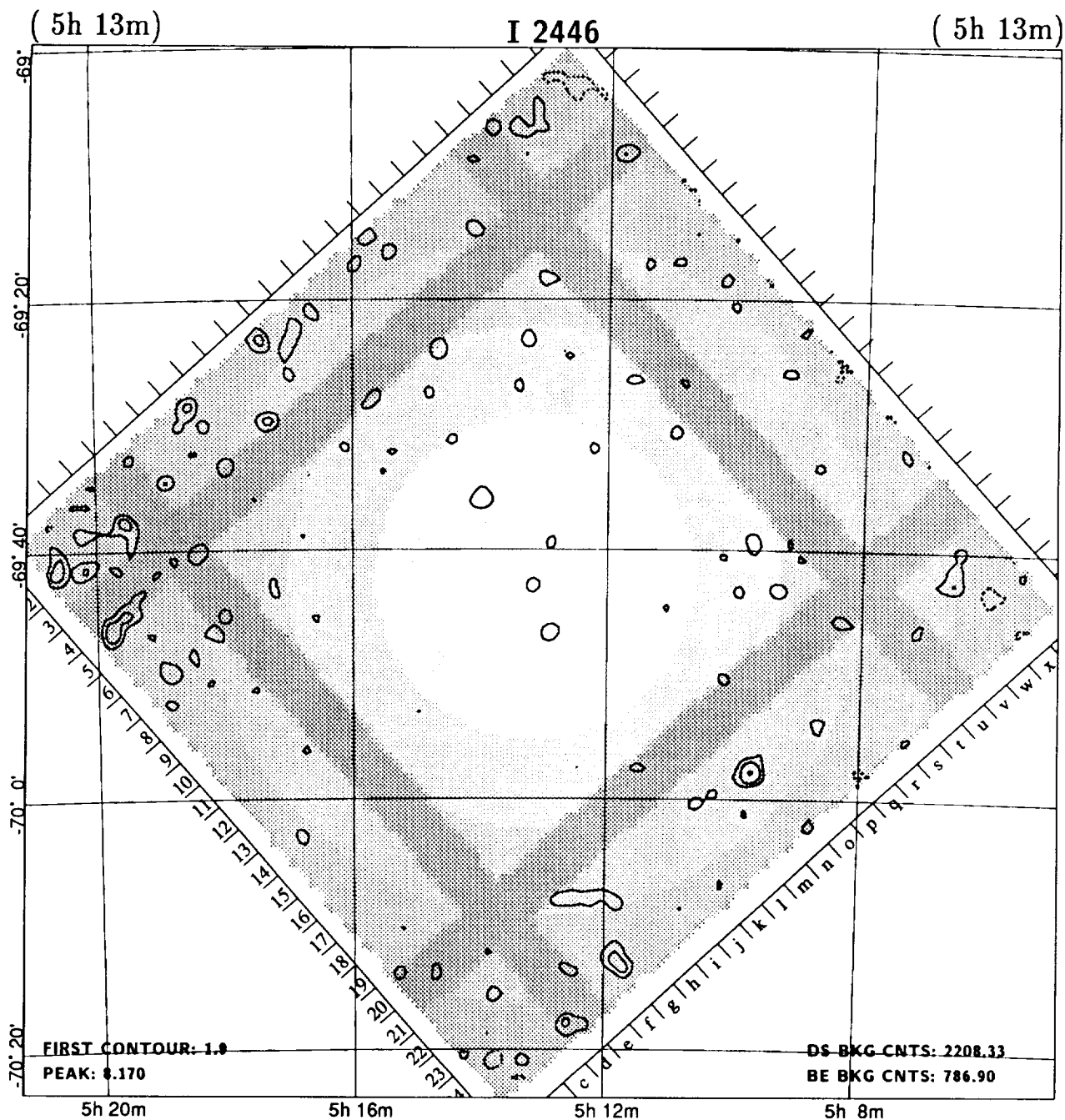
ALPHA AUR (CAPELLA) STELLAR OBSERVATIONS, G STARS

FIELD CENTER: 05^h12^m59.5^s 45°56'57" (B1950)
05^h16^m41.0^s 46°00'13" (J2000)
 l : 162.58 b : 4.57

DATE: 1979/263 - 1979/263
LIVETIME: 1288.2s
ROLL ANGLE: -82.8°

NH: 4.4E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1239	1L	05 13 00.3	45 56 49	31	4.222	0.084	4051.9	851.1	50.2	1.5	0	0.3		S

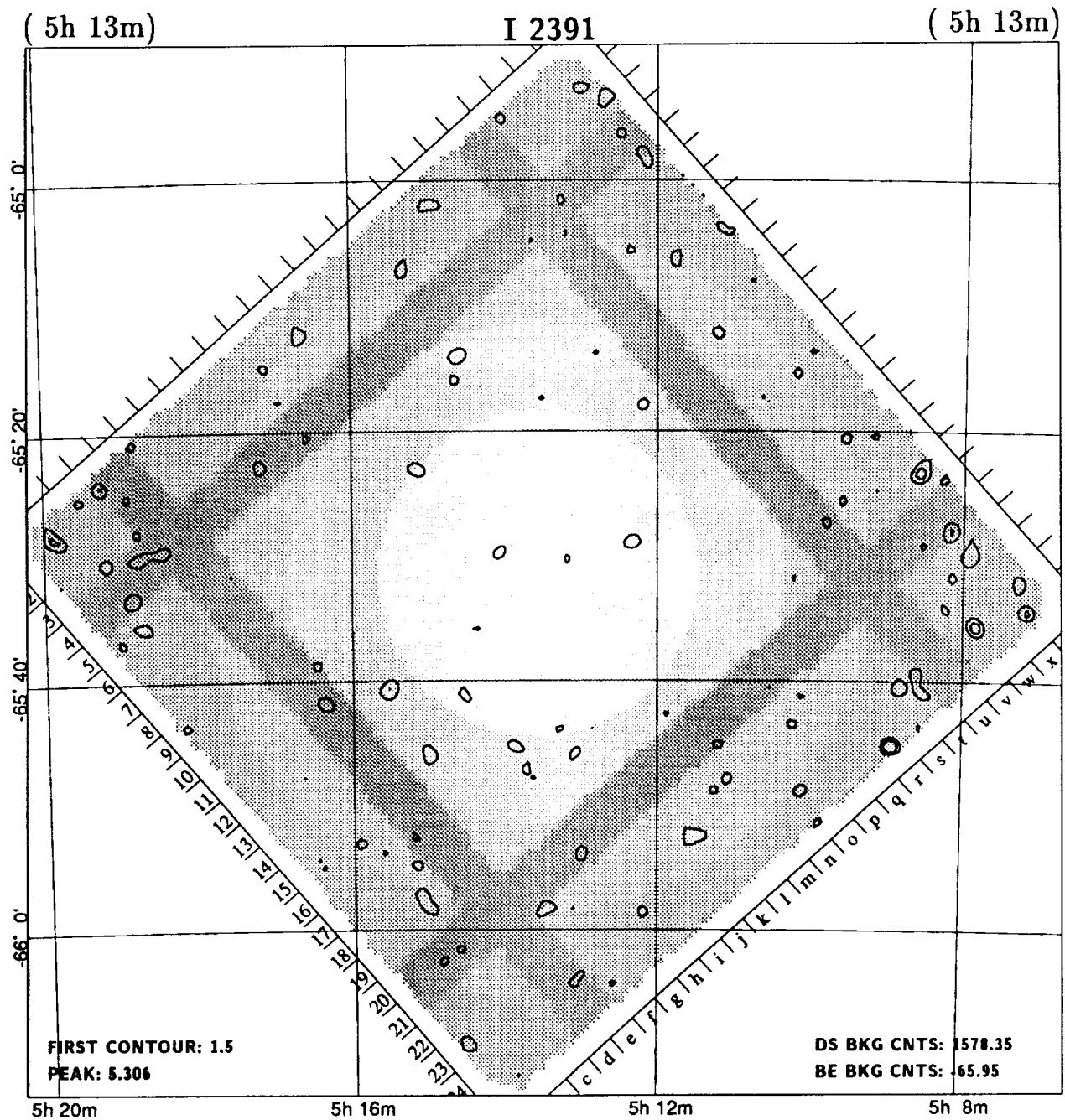


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}13^{\text{m}}02.4^{\text{s}}$ $-69^{\circ}41'59''$ (B1950)
 $05^{\text{h}}12^{\text{m}}39.5^{\text{s}}$ $-69^{\circ}38'34''$ (J2000)
 $l: 280.57$ $b: -33.84$

DATE: 1979/205 - 1979/205
 LIVETIME: 1789.5s
 ROLL ANGLE: -41.9°

NH: $9.2\text{E}+20$
 REF/ID: !
 FIELD FLAGS:



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 13^m 28.8^s$ $-65^\circ 31' 11''$ (B1950)
 $05^h 13^m 38.9^s$ $-65^\circ 27' 49''$ (J2000)
 $l: 275.59$ $b: -34.59$

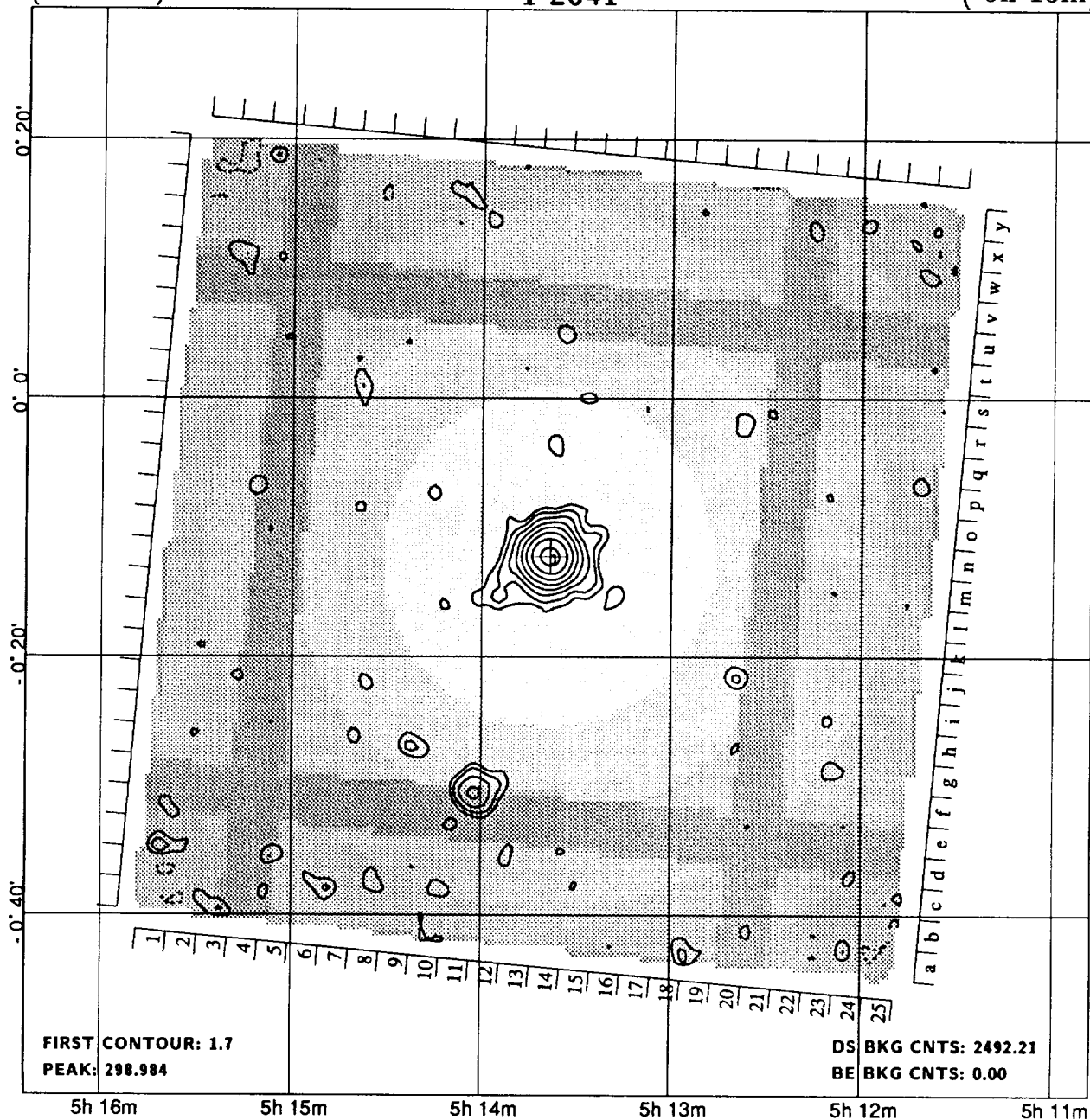
DATE: 1979/205 - 1979/205
 LIVETIME: 1279.0s
 ROLL ANGLE: -41.4°

NH: $4.1E+20$
 REF/ID:
 FIELD FLAGS:

(5h 13m)

I 2641

(5h 13m)



FIELD CENTER: $05^h 13^m 36.0^s$ $-00^\circ 11' 59''$ (B1950)
 $05^h 16^m 09.5^s$ $-00^\circ 08' 43''$ (J2000)
 $l: 201.69$ $b: -21.14$

DATE: 1979/253 - 1979/253
 LIVETIME: 2019.5s
 ROLL ANGLE: -84.9°

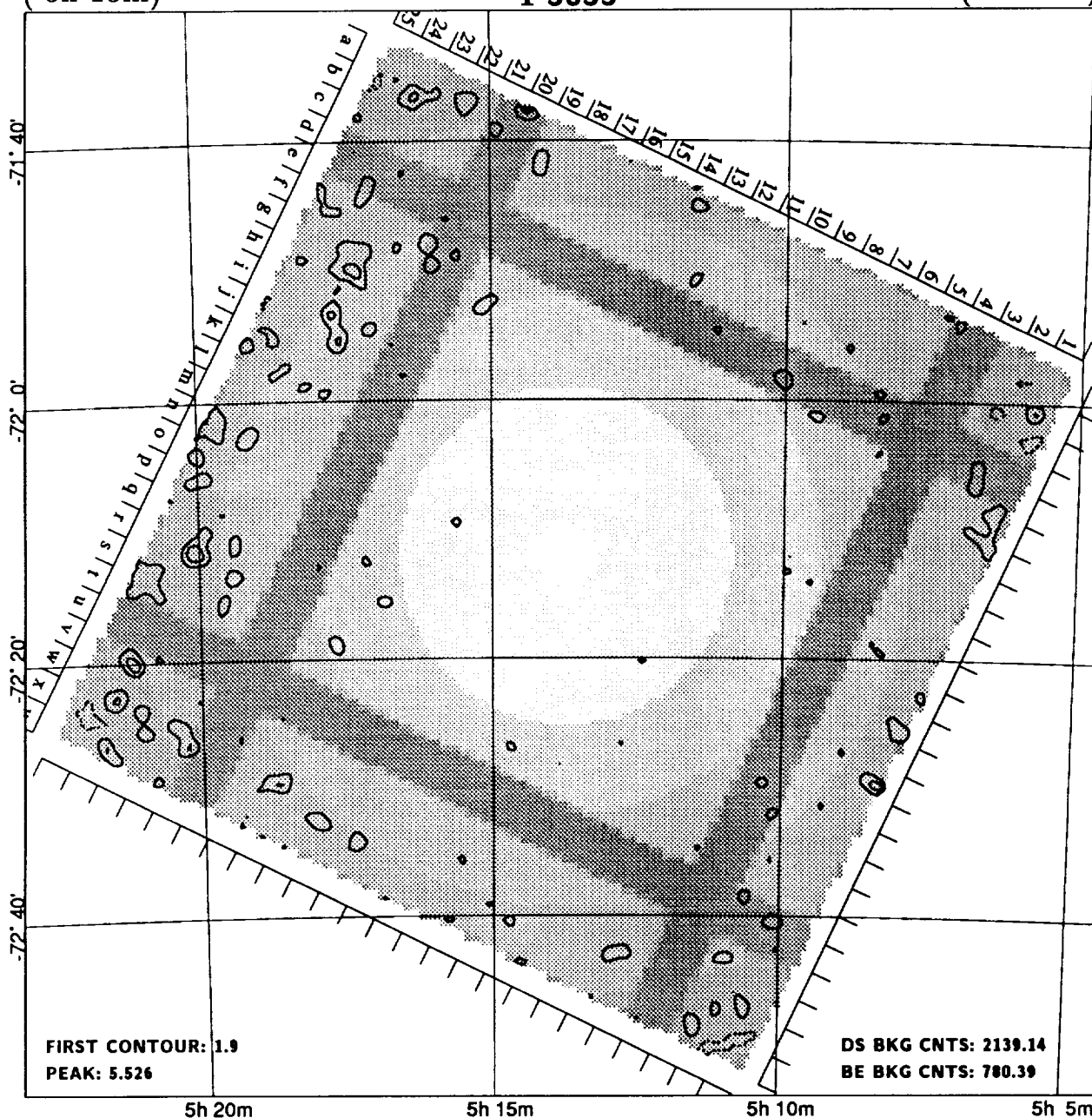
NH: $1.0E+21$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1240	1L	05 13 38.3	-00 12 13	31	0.759	0.027	1143.1	153.9	27.8	1.4	0	0.6		SY

(5h 13m)

I 5853

(5h 13m)

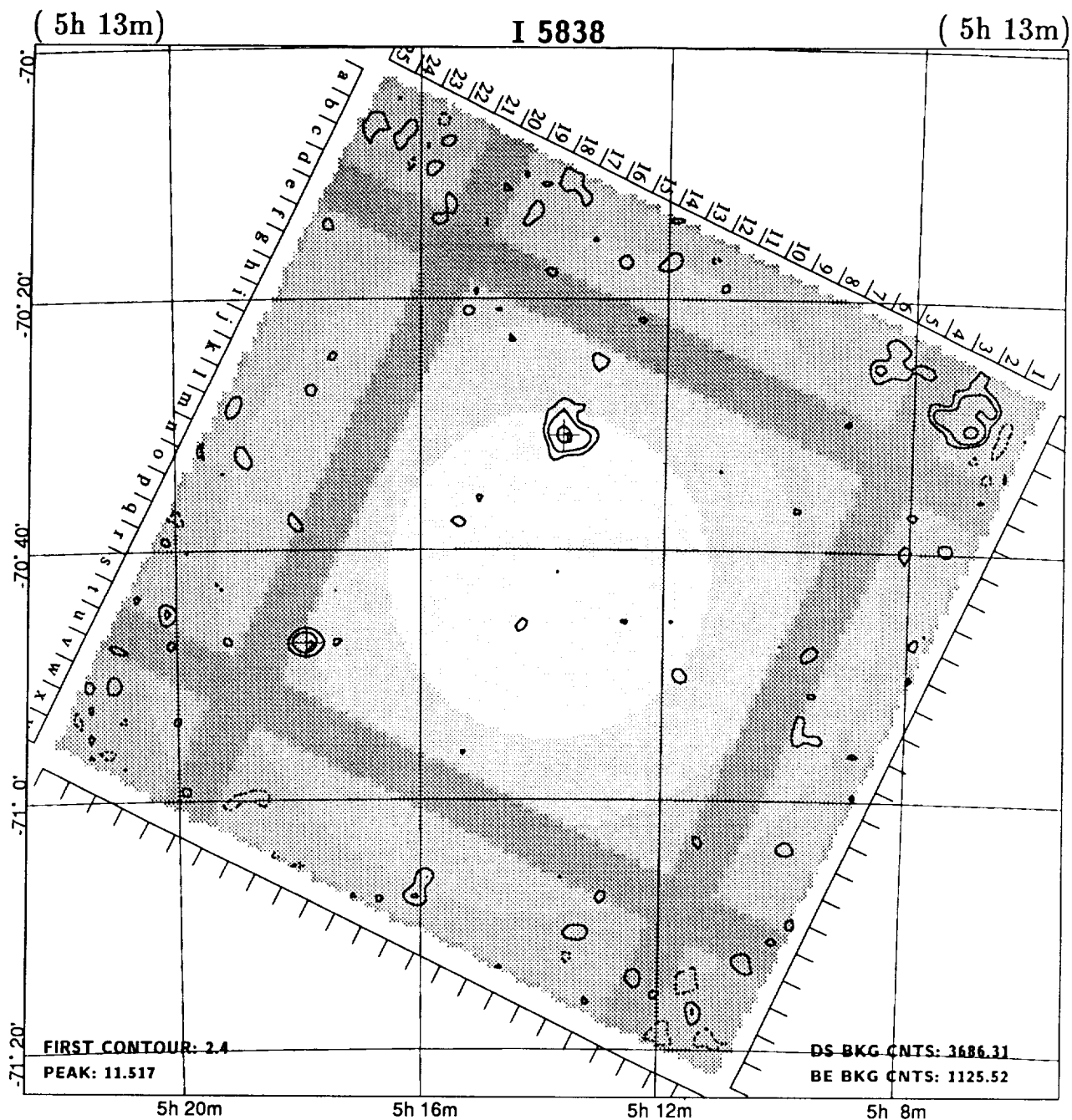


LMC SURVEY:

FIELD CENTER: $05^{\text{h}}13^{\text{m}}48.0^{\text{s}}$ $-72^{\circ}11'59''$ (B1950)
 $05^{\text{h}}12^{\text{m}}58.2^{\text{s}}$ $-72^{\circ}08'36''$ (J2000)
 $l: 283.47$ $b: -33.21$

DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 1733.4s
 ROLL ANGLE: 115.8°

NH: $9.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:



LMC SURVEY:

FIELD CENTER: 05^h13^m57.0^s -70°41'59" (B1950)
05^h13^m24.0^s -70°38'38" (J2000)
 ℓ : 281.72 b : -33.54

DATE: 1980/ 43 - 1980/ 43
LIVETIME: 2987.1s
ROLL ANGLE: 115.8°

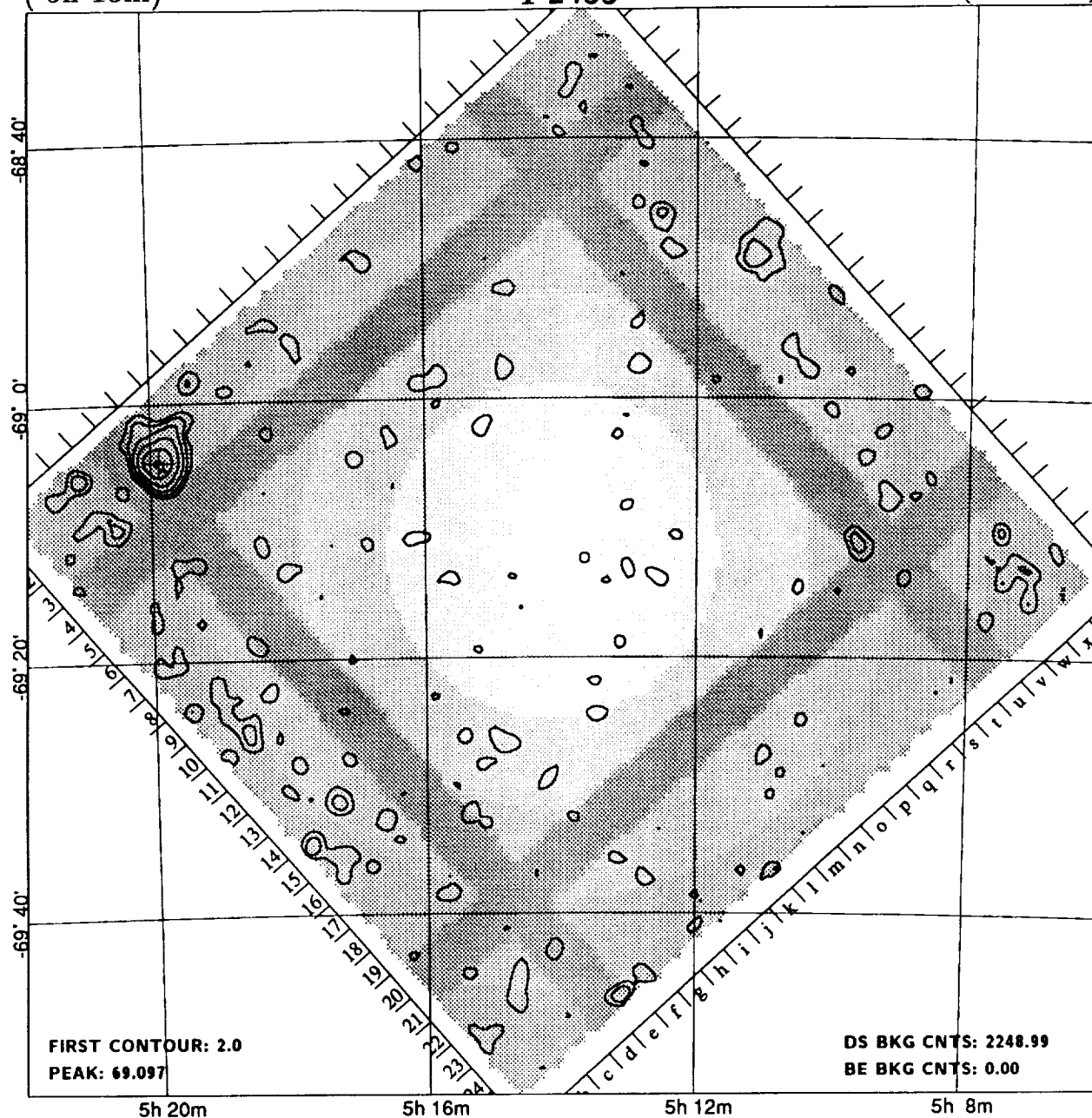
NH: 9.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1241	1	05 13 40.0	-70 30 52	41	0.0234	0.0039	45.4	10.6	6.1	1.3	0	10.9	H	S
1250	2	05 17 52.9	-70 47 30	52	*0.0133	0.0035	19.9	8.1	3.8	0.7	702	20.2	AH	*

(5h 13m)

I 2433

(5h 13m)

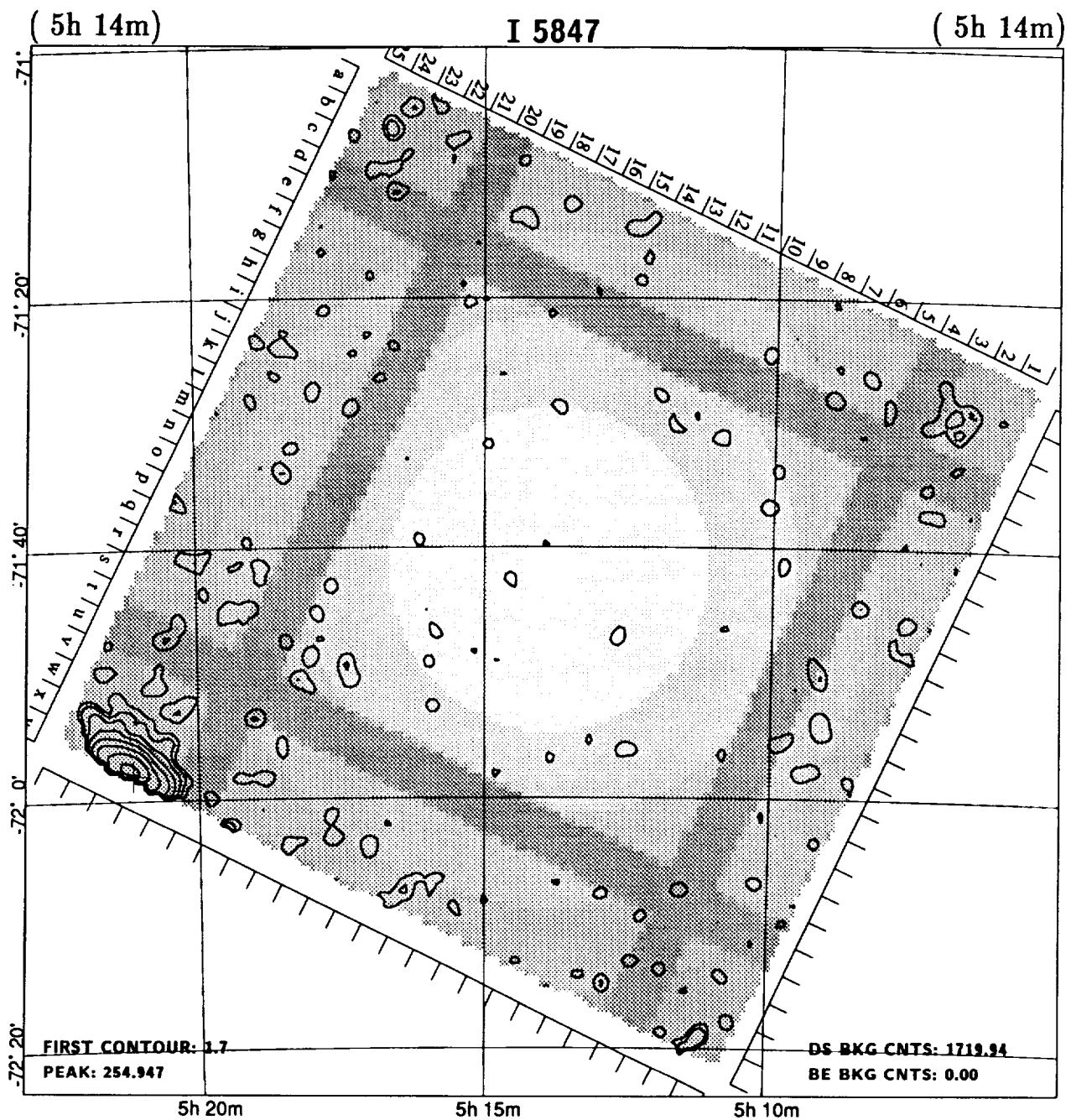


FIELD CENTER: $05^h 13^m 57.3^s$ $-69^\circ 11' 59''$ (B1950)
 $05^h 13^m 38.9^s$ $-69^\circ 08' 38''$ (J2000)
 $l: 279.96$ $b: -33.86$

DATE: 1979/205 - 1979/205
 LIVETIME: 1822.4s
 ROLL ANGLE: -41.6°

NH: $8.3E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1257	1L	05 19 52.9	-69 04 37	48	*0.158	0.038	93.5	35.5	4.0	1.4	906	32.4	A	SNR



LMC SURVEY:

FIELD CENTER: 05^h14^m00.0^s -71°41'59" (B1950)
05^h13^m16.1^s -71°38'38" (J2000)
ℓ: 282.88 b: -33.31

DATE: 1980/ 43 - 1980/ 43
LIVETIME: 1393.7s
ROLL ANGLE: 115.7°

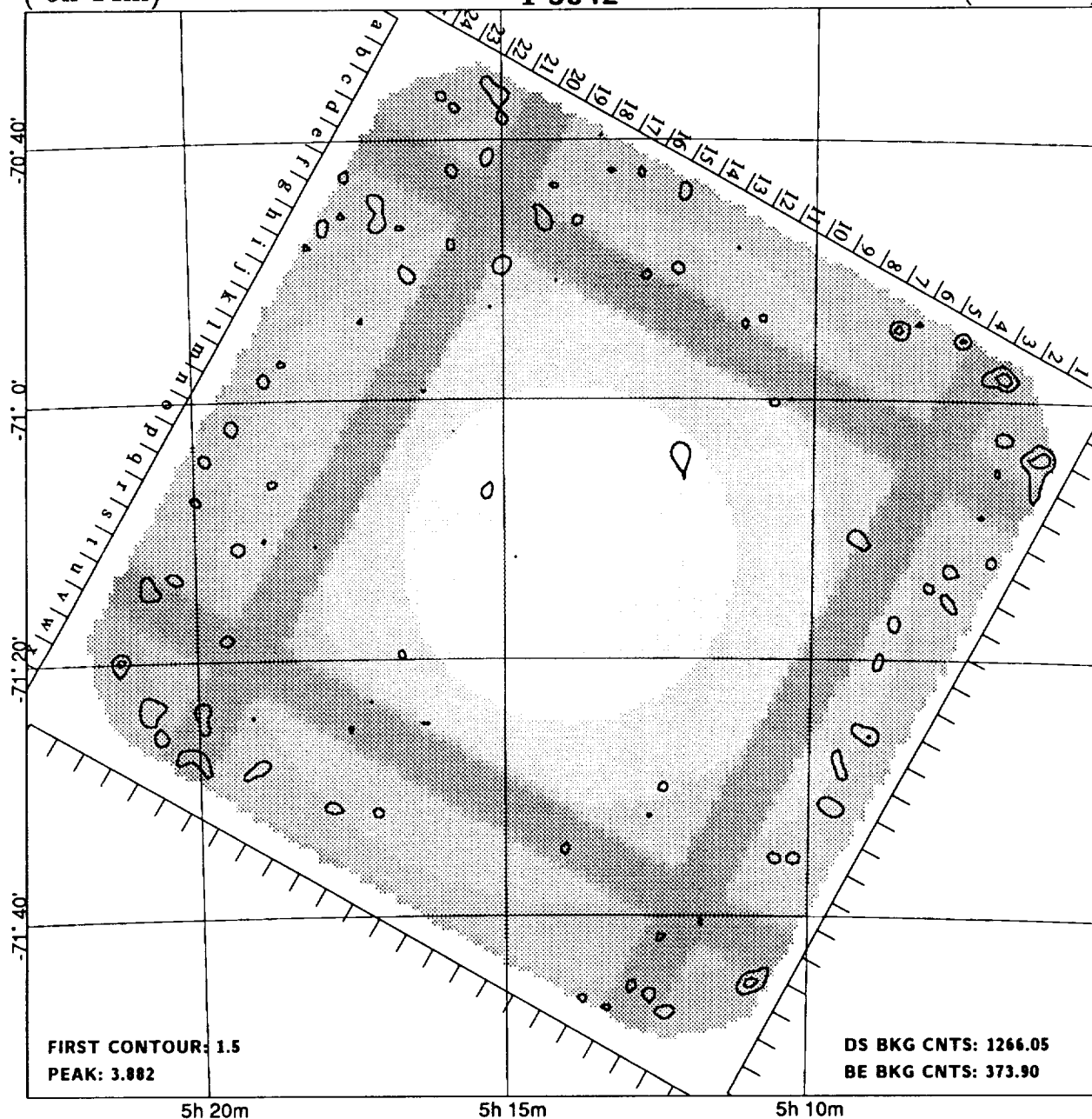
NH: 9.5E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1264	1L	05 21 08.8	-71 57 59	47	*0.886	0.093	399.8	167.2	9.5	2.0	705	37.1	AEI	S

(5h 14m)

I 5842

(5h 14m)



FIRST CONTOUR: 1.5
PEAK: 3.882

DS BKG CNTS: 1266.05
BE BKG CNTS: 373.90

LMC SURVEY:

FIELD CENTER: $05^h 14^m 02.0^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 13^m 23.7^s$ $-71^\circ 08' 38''$ (J2000)
 $l: 282.30$ $b: -33.42$

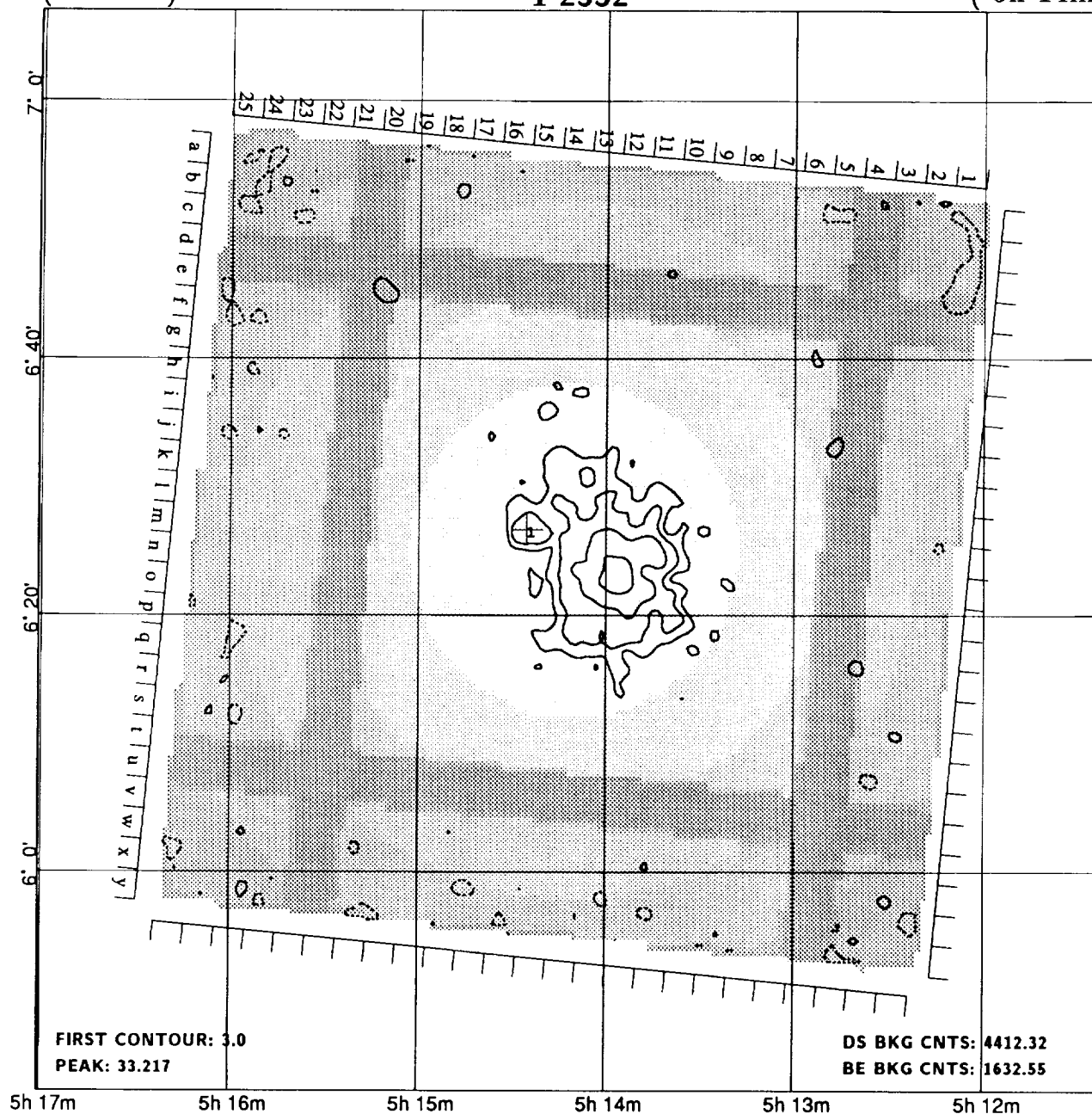
DATE: 1980/ 40 - 1980/ 40
LIVETIME: 1025.9s
ROLL ANGLE: 119.3°

NH: $9.5E+20$
REF/ID:
FIELD FLAGS:

(5h 14m)

I 2352

(5h 14m)



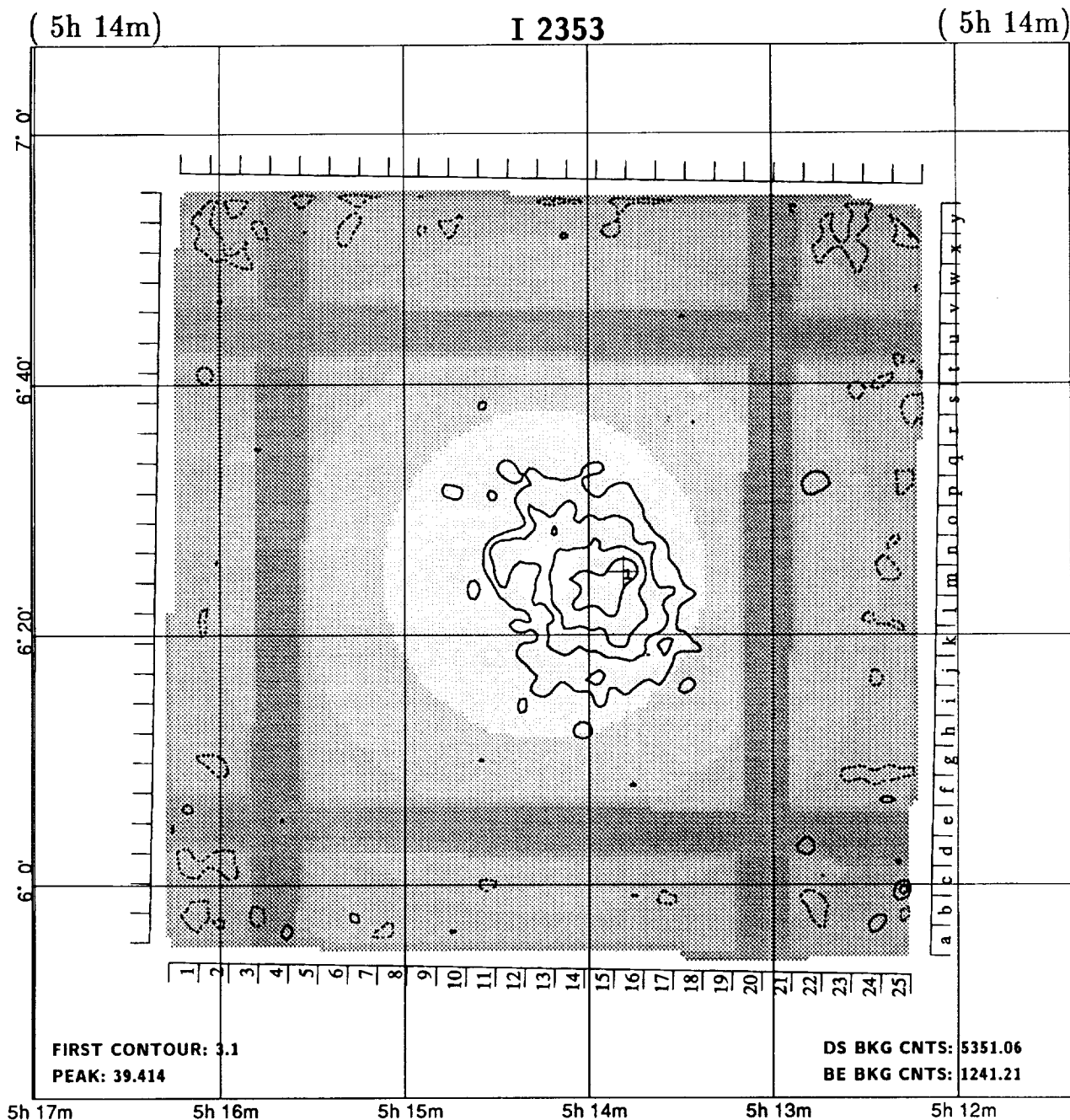
4U0519+06=1539: SOUTHERN HEMISPHERE SURVEY

FIELD CENTER: $05^h 14^m 12.0^s$ $06^\circ 24' 59''$ (B1950)
 $05^h 16^m 53.1^s$ $06^\circ 28' 13''$ (J2000)
 $l: 195.72$ $b: -17.65$

DATE: 1979/ 65 - 1979/ 66
 LIVETIME: 3575.4s
 ROLL ANGLE: 95.4°

NH: $1.4E+21$
 REF/ID: !
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1243	1L	05 14 25.4	06 26 41	35	0.0156	0.0040	40.2	30.8	3.8	21.8	0	3.6		BL



4U0519+06=A539: SOUTHERN HEMISPHERE SURVEY

FIELD CENTER: 05^h14^m12.0^s 06°25'01" (B1950)
 05^h16^m53.1^s 06°28'14" (J2000)
 ℓ : 195.72 b : -17.65

DATE: 1979/267 - 1979/267
 LIVETIME: 4336.1s
 ROLL ANGLE: -89.0°

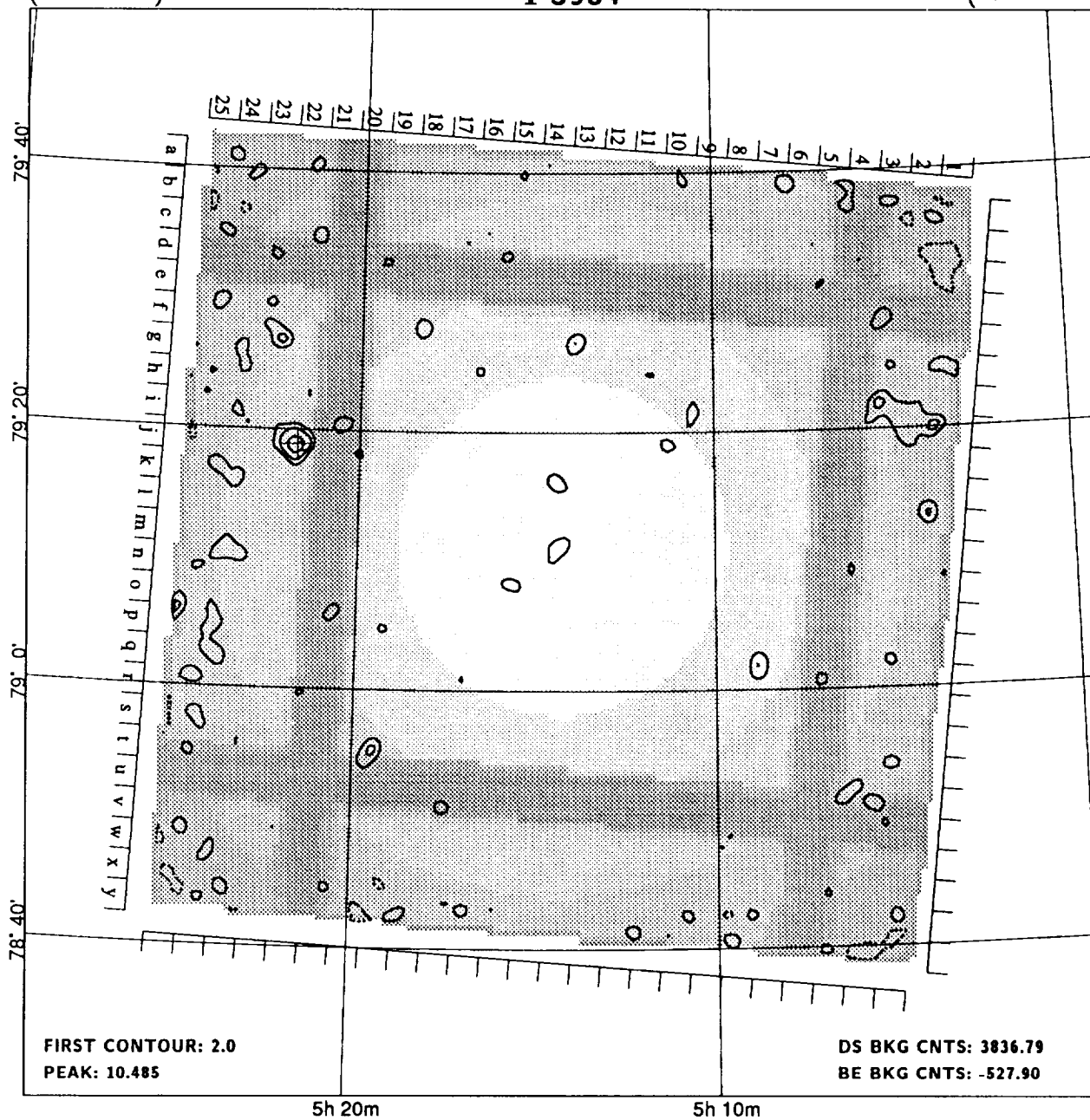
NH: 1.4E+21
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1242	1L	05 13 48.6	06 25 00	38	0.0298	0.0056	90.7	97.3	5.3	8.8	0	5.9		

(5h 14m)

I 5984

(5h 14m)



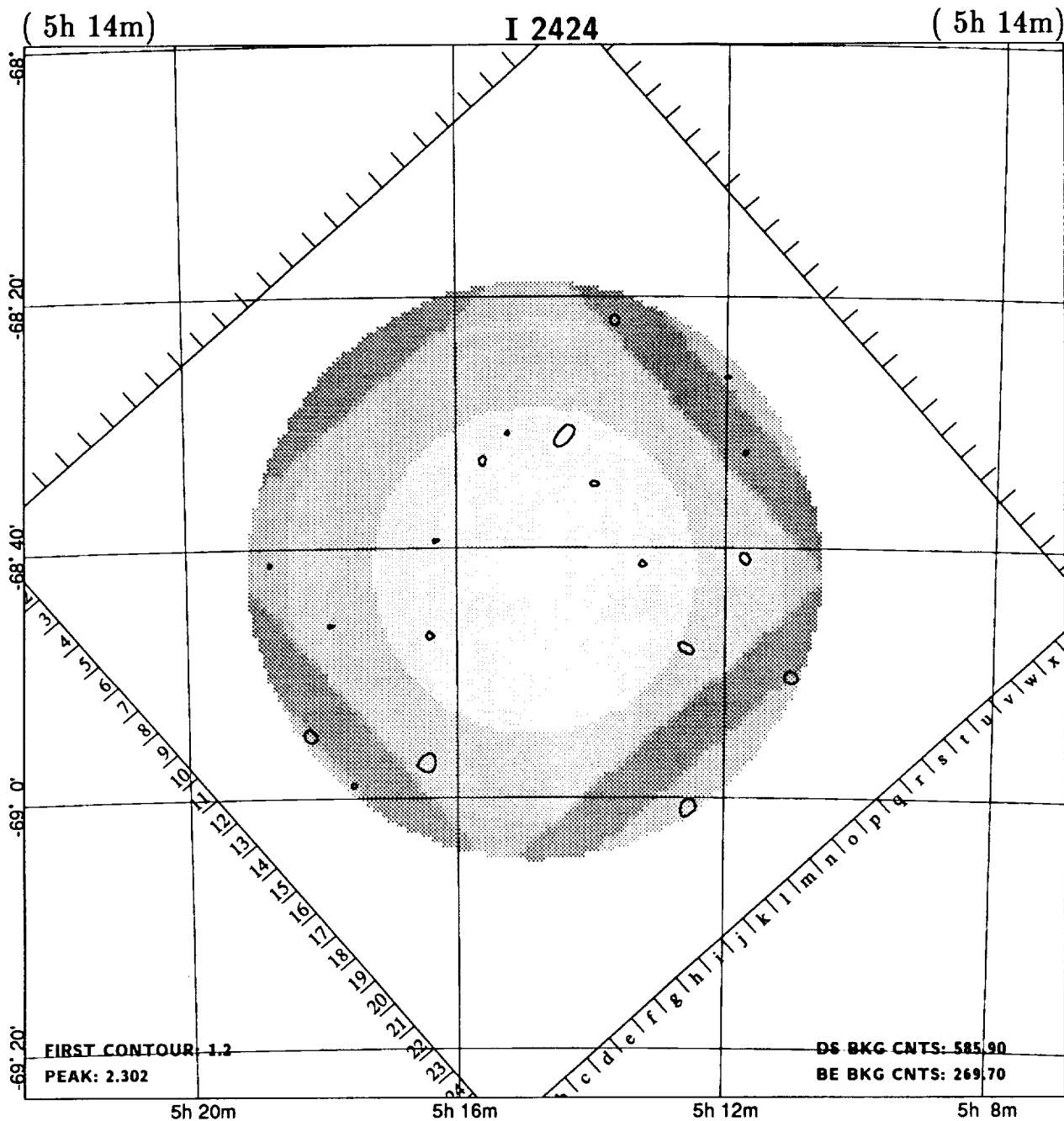
Chromospherically Inactive Stars: (F6)

FIELD CENTER: $05^h 14^m 17.0^s$ $79^\circ 10' 41''$ (B1950)
 $05^h 22^m 35.3^s$ $79^\circ 13' 42''$ (J2000)
 $l: 133.74$ $b: 22.65$

DATE: 1980/ 72 - 1980/ 72
 LIVETIME: 3220.7s
 ROLL ANGLE: 94.4°

NH: $7.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1267	1	05 21 45.8	79 18 52	51	0.0160	0.0036	24.5	5.5	4.5	0.9	500	22.6	H	



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 14^m 40.8^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 14^m 26.7^s$ $-68^\circ 38' 41''$ (J2000)
 l : 279.35 b : -33.90

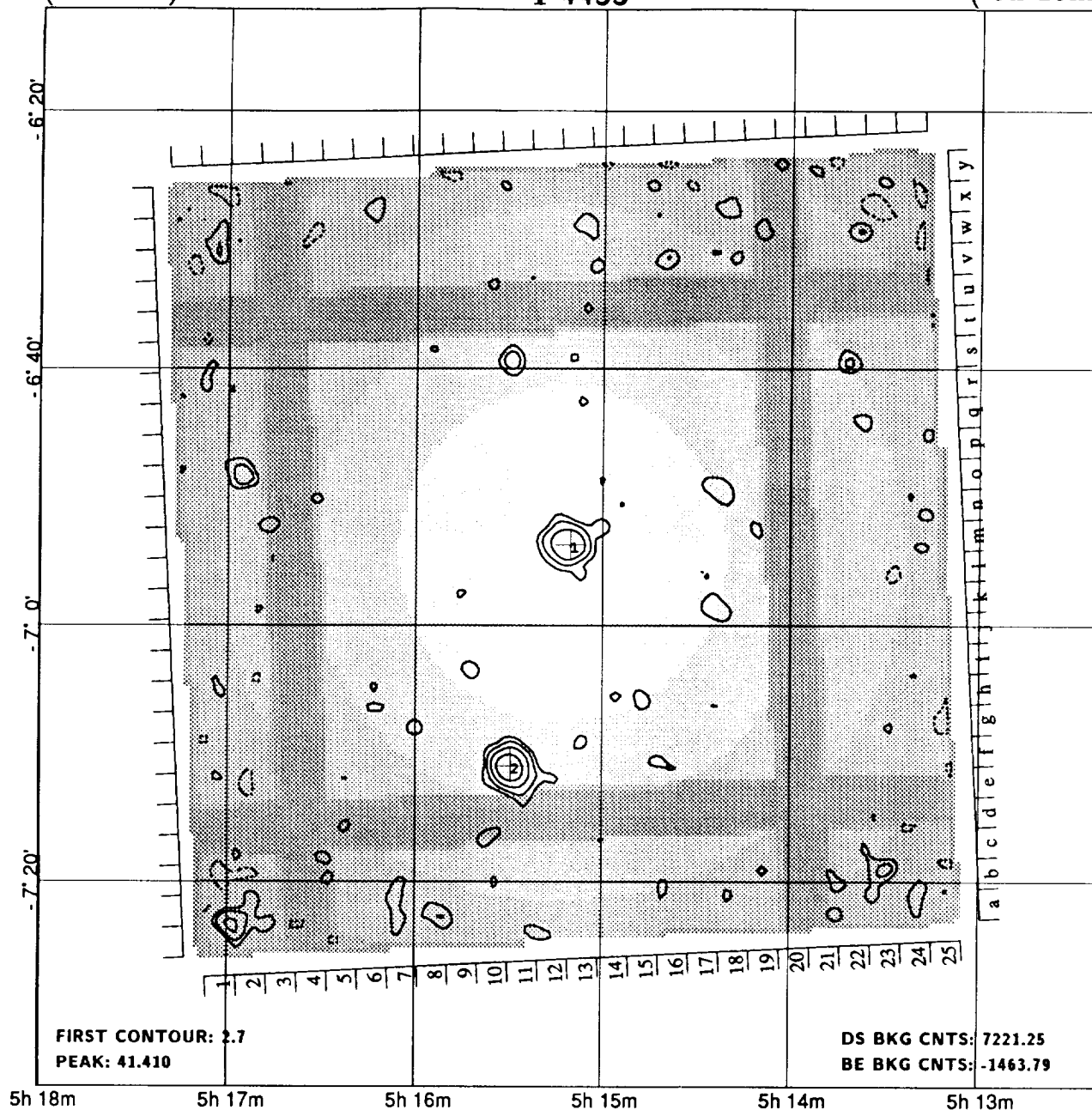
DATE: 1979/205 - 1979/205
 LIVETIME: 474.8s
 ROLL ANGLE: -41.4°

NH: $7.3E+20$
 REF/ID:
 FIELD FLAGS: S

(5h 15m)

I 4435

(5h 15m)



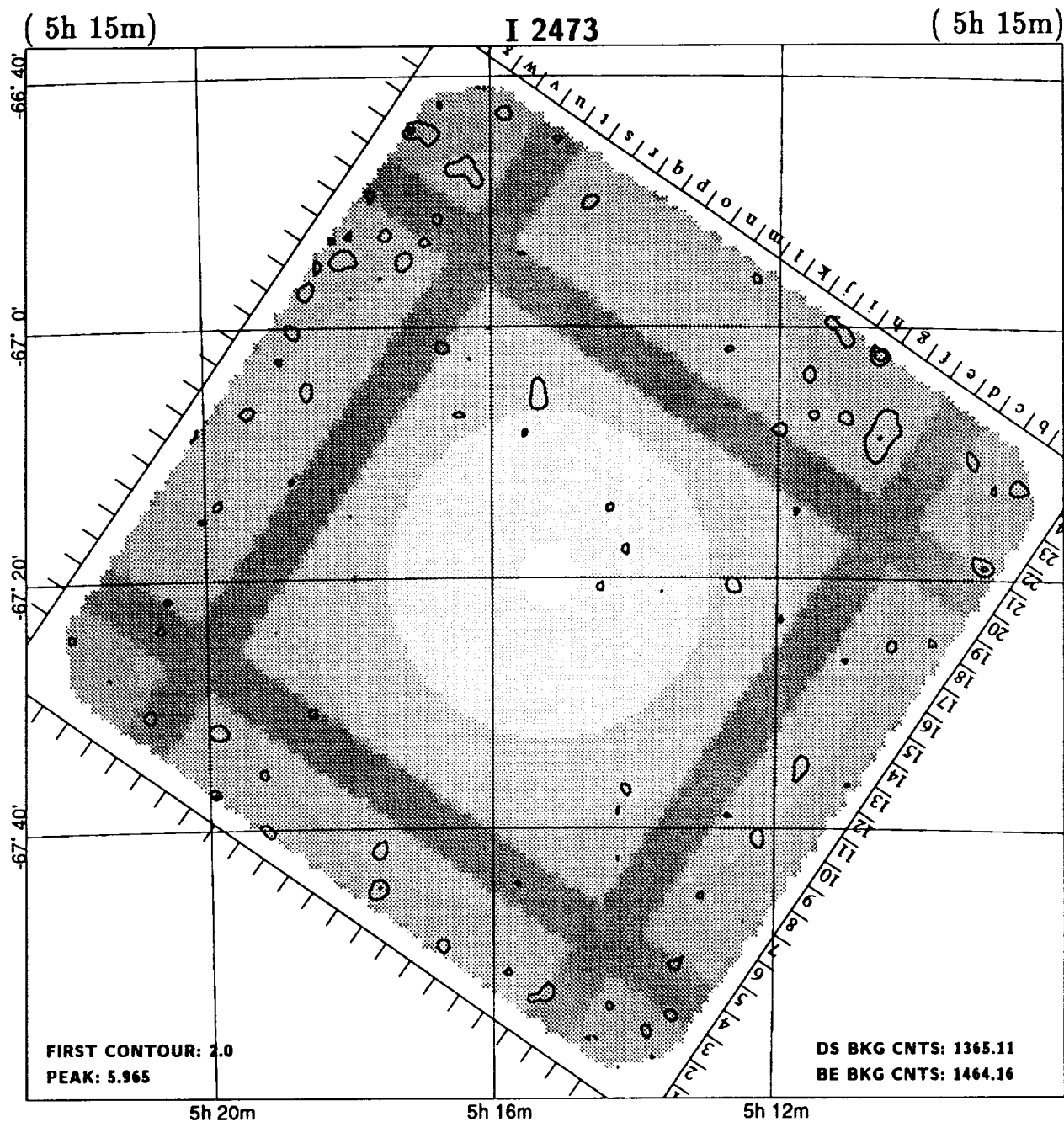
STELLAR SURVEY: TAU ORI

FIELD CENTER: $05^h 15^m 11.0^s$ $-06^\circ 53' 59''$ (B1950)
 $05^h 17^m 36.8^s$ $-06^\circ 50' 50''$ (J2000)
 $l: 208.28$ $b: -23.96$

DATE: 1979/269 - 1979/269
 LIVETIME: 5851.6s
 ROLL ANGLE: -92.8°

NH: $9.6E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1244	1	05 15 10.3	-06 53 41	31	0.0240	0.0025	104.6	13.4	9.6	1.3	0	0.4	H	S
1245	2	05 15 29.4	-07 10 54	48	0.0404	0.0037	132.4	12.6	11.0	1.2	0	17.6	H	



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 15^m 14.9^s$ $-67^\circ 19' 40''$ (B1950)
 $05^h 15^m 11.9^s$ $-67^\circ 16' 25''$ (J2000)
 l : 277.71 b : -34.11

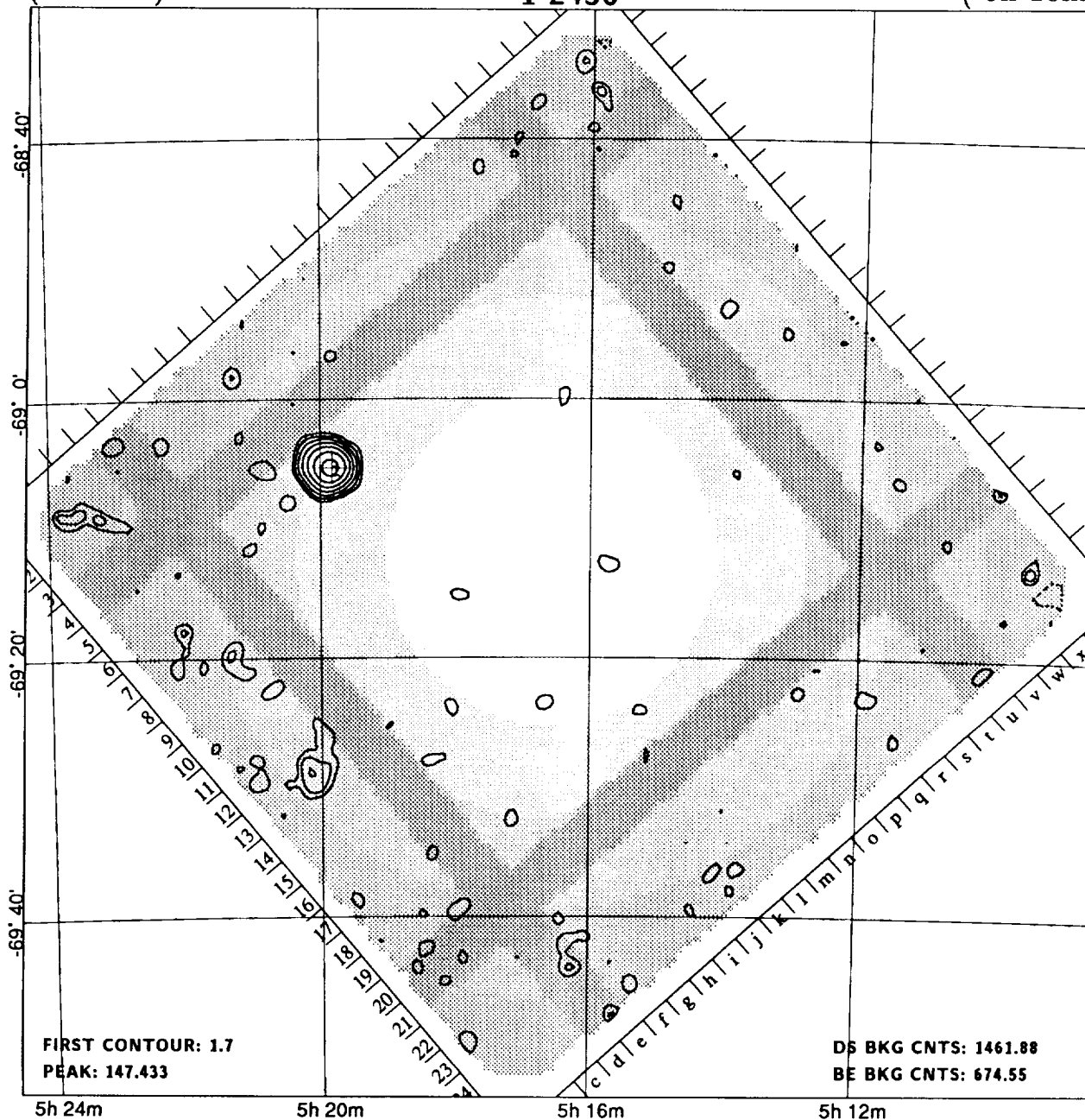
DATE: 1979/311 - 1979/311
 LIVETIME: 1106.2s
 ROLL ANGLE: -145.4°

NH: $5.7E+20$
 REF/ID:
 FIELD FLAGS: L

(5h 16m)

I 2436

(5h 16m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 16^m 28.8^s$ $-69^\circ 11' 59''$ (B1950)
 $05^h 16^m 10.0^s$ $-69^\circ 08' 49''$ (J2000)
 $l: 279.90$ $b: -33.65$

DATE: 1979/205 - 1979/205

NH: $8.4E+20$

LIVETIME: 1184.6s

REF/ID:

ROLL ANGLE: -41.1°

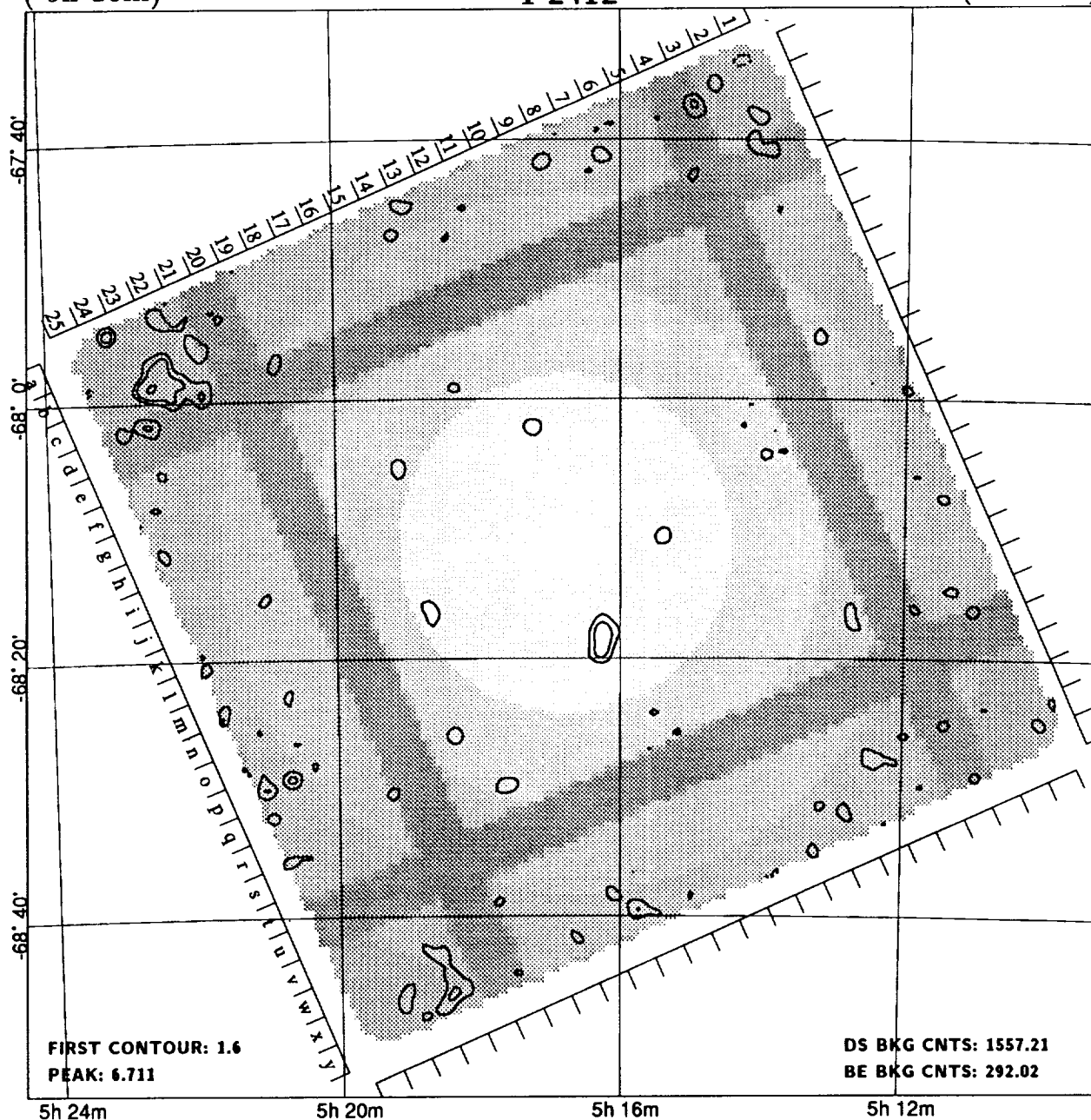
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1257	1	05 19 49.8	-69 05 14	47	0.624	0.032	391.1	3.9	19.7	1.1	0	19.2	AH	SNR

(5h 16m)

I 2412

(5h 16m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}16^{\text{m}}48.0^{\text{s}}$ $-68^{\circ}11'59''$ (B1950)
 $05^{\text{h}}16^{\text{m}}37.8^{\text{s}}$ $-68^{\circ}08'51''$ (J2000)
 $l: 278.72$ $b: -33.81$

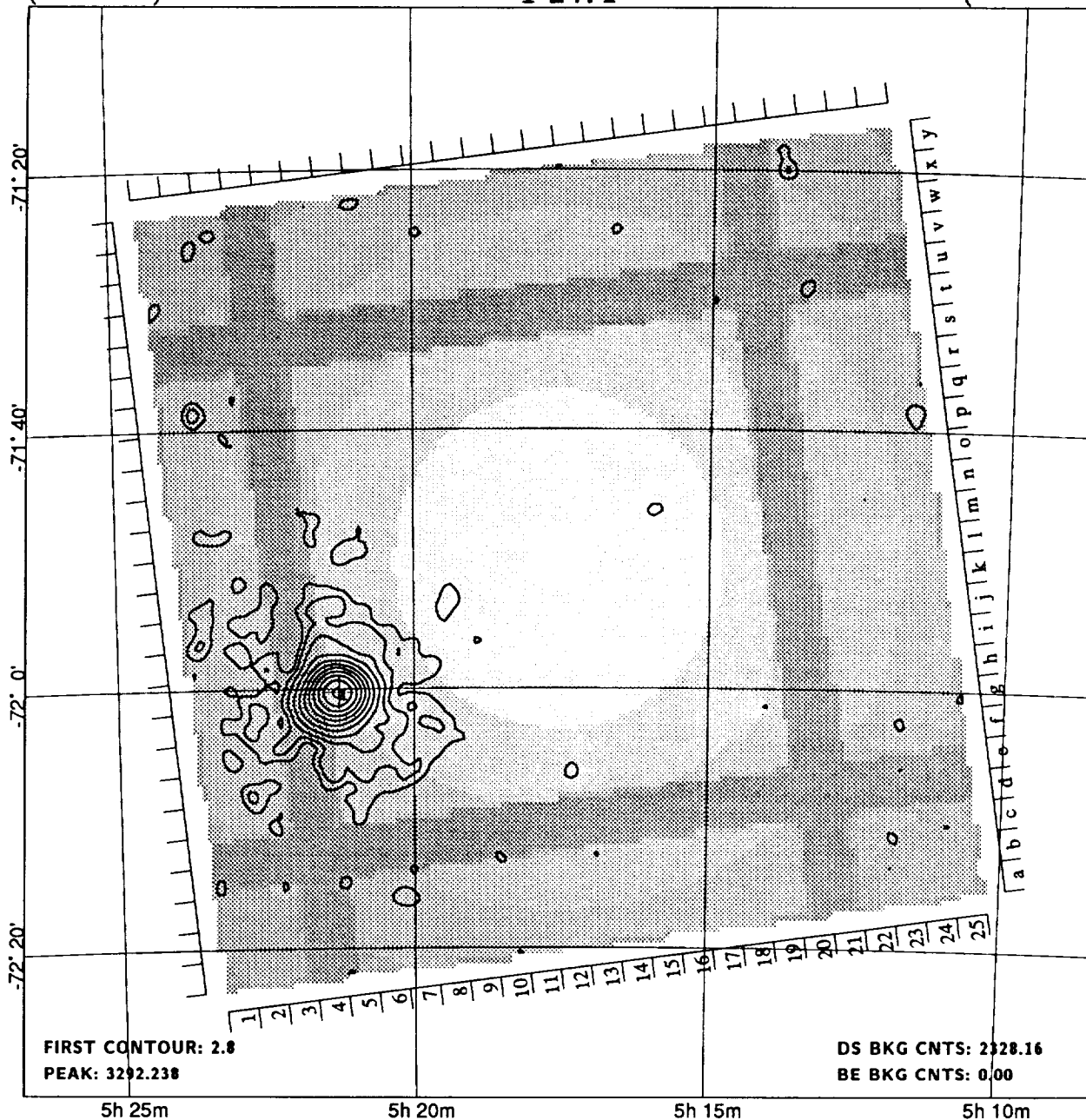
DATE: 1979/103 - 1979/103
 LIVETIME: 1261.9s
 ROLL ANGLE: 66.4°

NH: $6.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(5h 17m)

I 2471

(5h 17m)



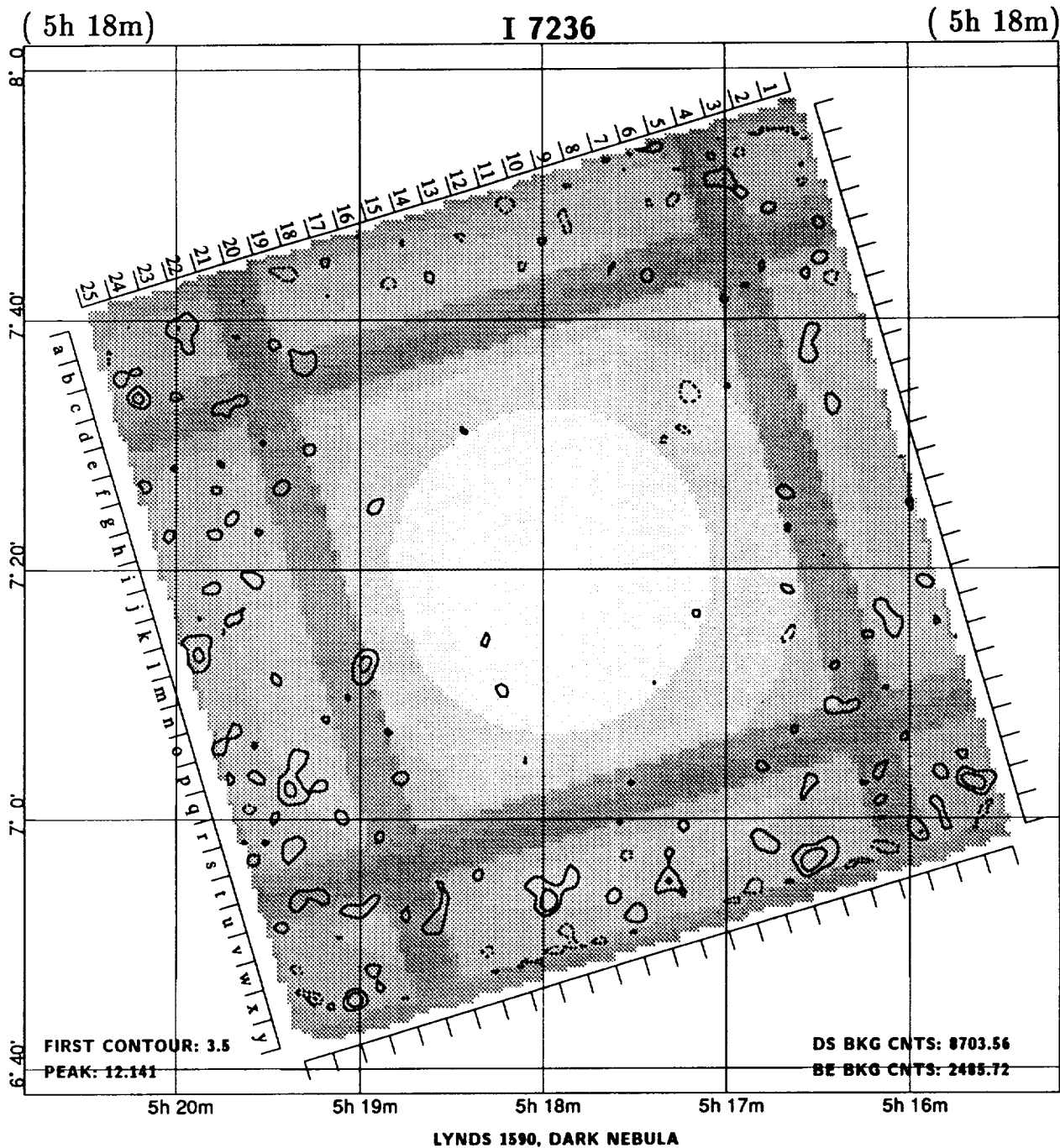
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}17^{\text{m}}31.7^{\text{s}}$ $-71^{\circ}49'40''$ (B1950)
 $05^{\text{h}}16^{\text{m}}45.7^{\text{s}}$ $-71^{\circ}46'33''$ (J2000)
 $l: 282.96$ $b: -33.01$

DATE: 1979/168 - 1979/263
 LIVETIME: 1886.6s
 ROLL ANGLE: -97.3°

NH: $9.4\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1264	1L	05 21 16.5	-72 00 15	47	*8.55	0.12	8208.4	67.7	71.5	1.2	602	20.4	A	S



LYNDS 1590, DARK NEBULA

FIELD CENTER: 05^h18^m00.0^s 07°19'59" (B1950)
05^h20^m42.2^s 07°22'56" (J2000)
l: 195.42 b: -16.37

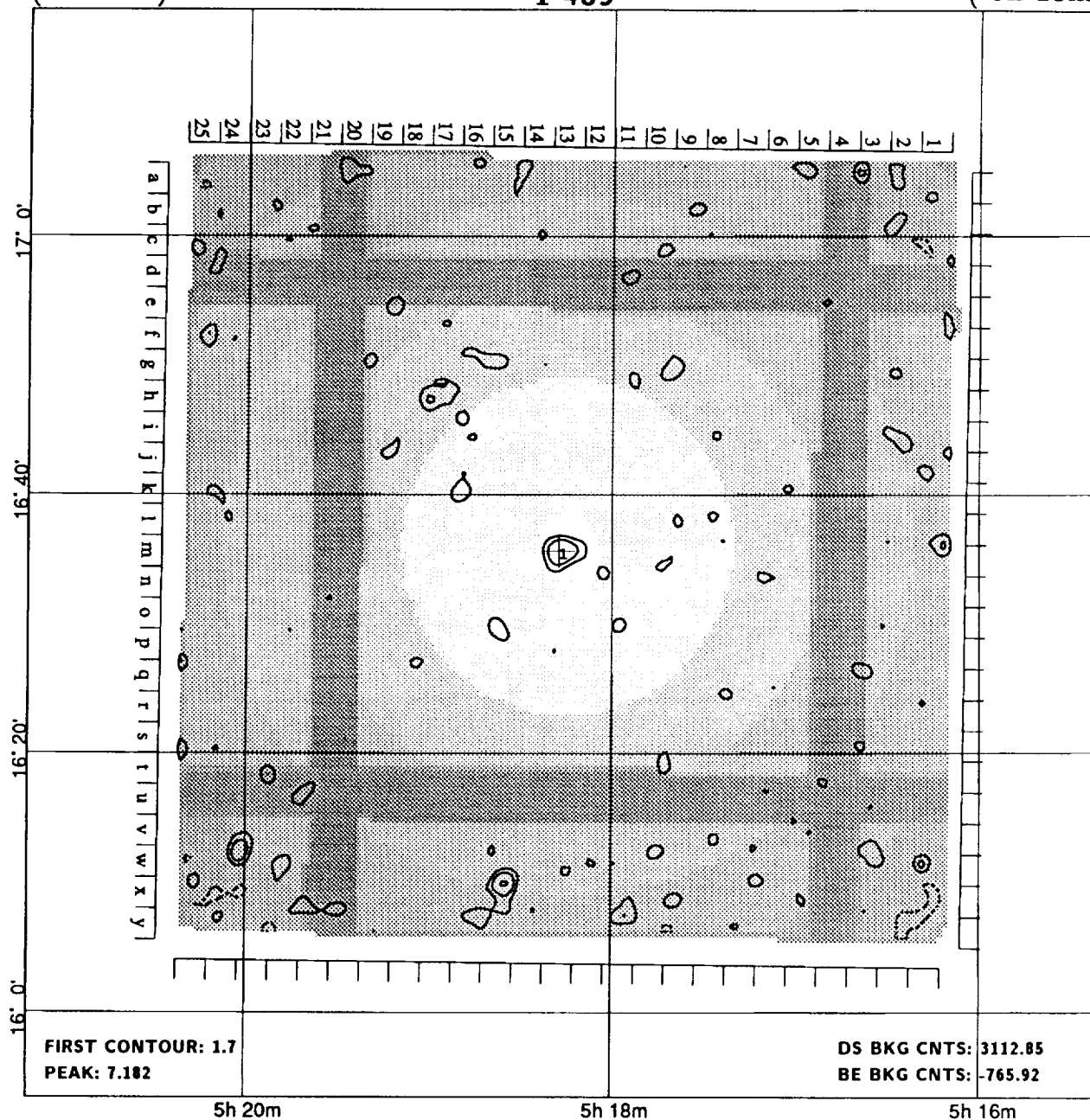
DATE: 1981/ 94 - 1981/ 94
LIVETIME: 7052.7s
ROLL ANGLE: 73.5°

NH: 1.7E+21
REF/ID:
FIELD FLAGS: L

(5h 18m)

I 489

(5h 18m)



3CR 138 (QSO 0518+165) QUASAR SURVEY

FIELD CENTER: $05^h 18^m 16.5^s$ $16^\circ 35' 25''$ (B1950)
 $05^h 21^m 09.8^s$ $16^\circ 38' 21''$ (J2000)
 $l: 187.41$ $b: -11.34$

DATE: 1979/ 56 - 1979/ 56

NH: 2.4E+21

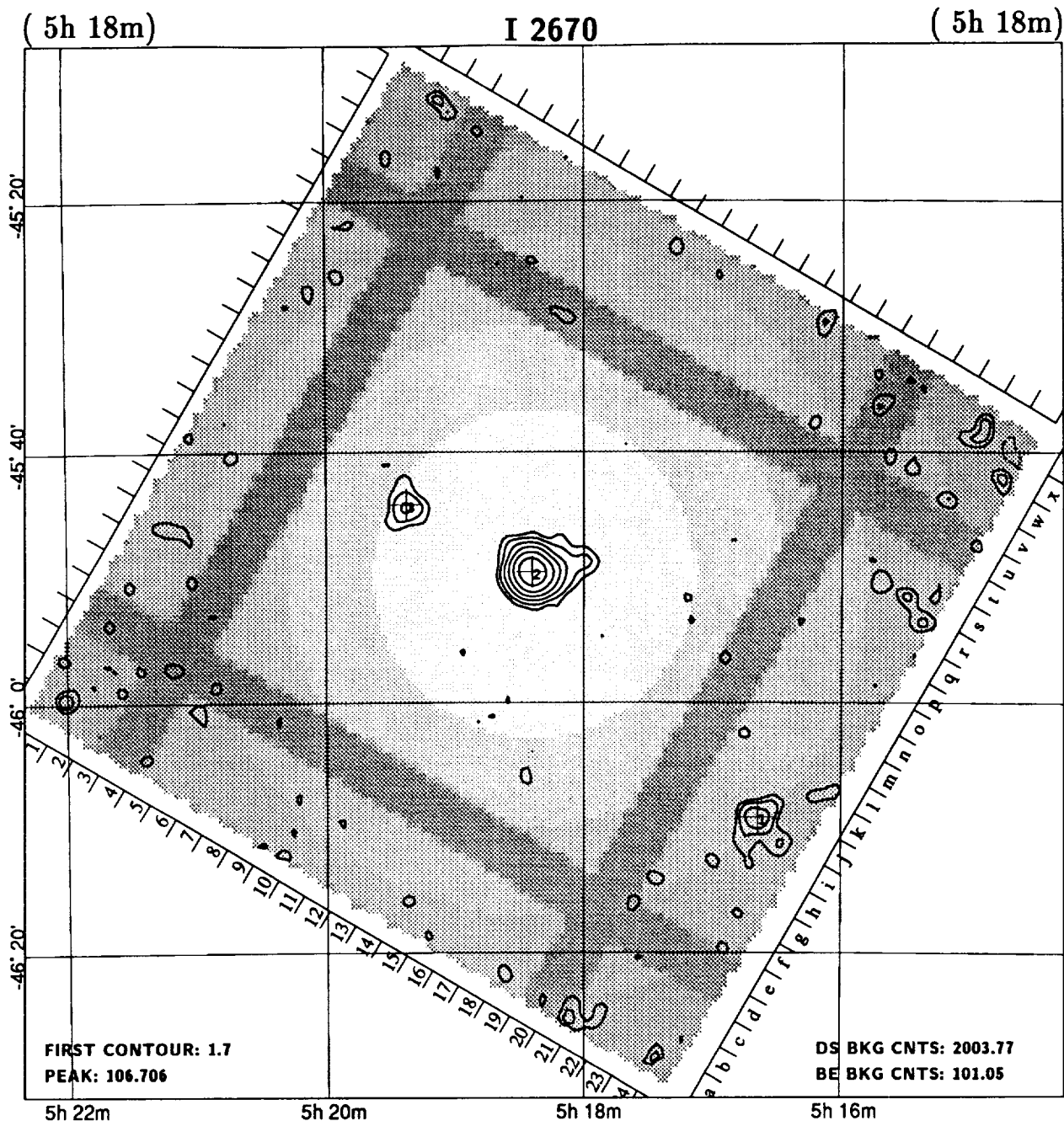
LIVETIME: 2522.4s

REF/ID:

ROLL ANGLE: 90.6°

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1251	1	05 18 17.6	16 35 39	36	0.0119	0.0028	22.3	5.7	4.2	0.9	0	0.4	H	Q



PICT A: BRIGHT X-GALACTIC RADIO SOURCESE

FIELD CENTER: $05^h 18^m 18.2^s$ $-45^\circ 49' 38''$ (B1950)
 $05^h 19^m 44.3^s$ $-45^\circ 46' 40''$ (J2000)
 l : 251.59 b : -34.65

DATE: 1980/225 - 1980/225
 LIVETIME: 1623.7s
 ROLL ANGLE: -59.8°

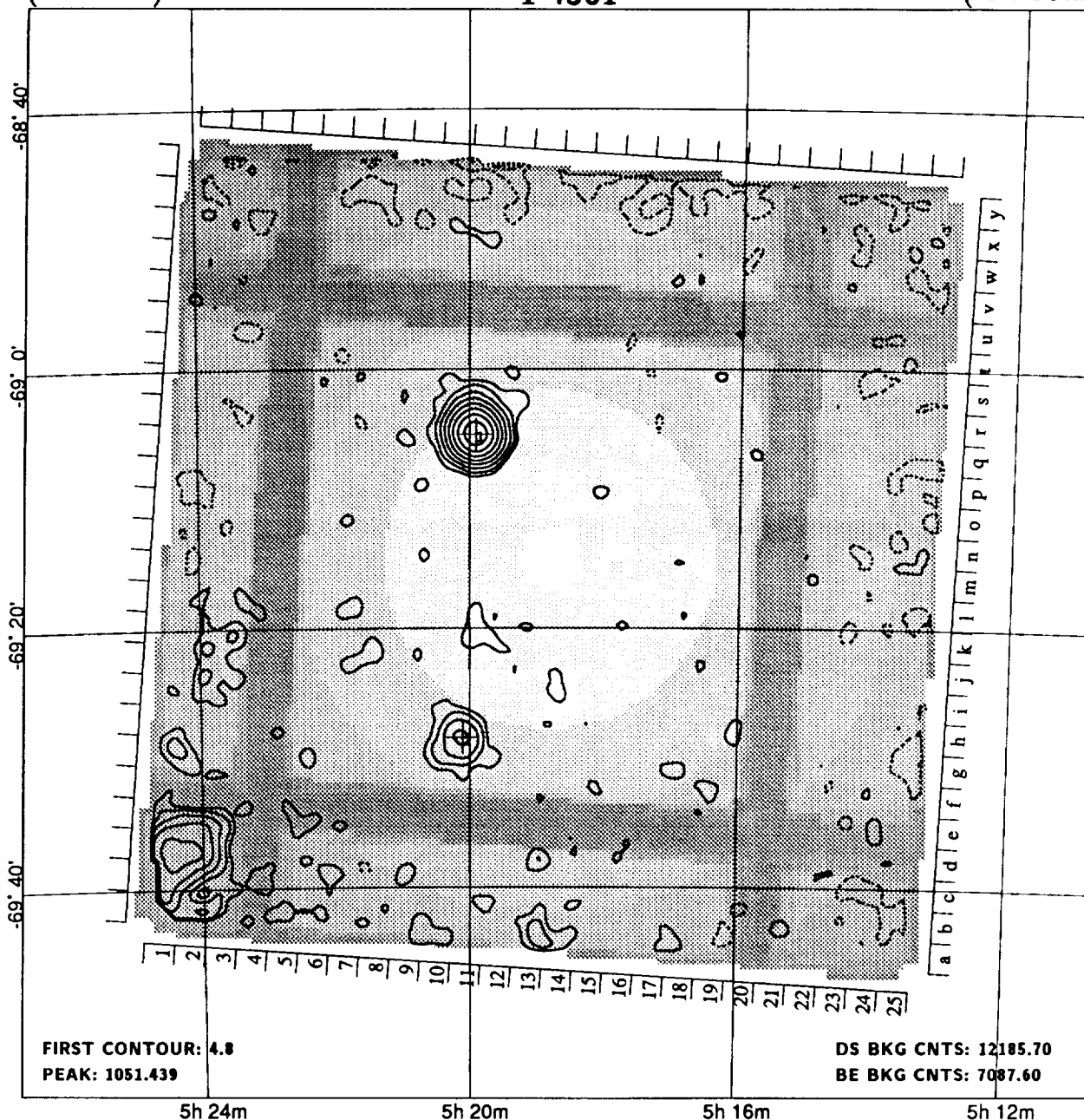
NH: $2.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1248	1	05 16 38.7	-46 09 11	51	0.0415	0.0084	27.4	3.6	4.9	1.3	0	25.9	H	
1252	2	05 18 24.1	-45 49 29	31	0.382	0.018	463.1	4.9	21.4	1.4	0	1.3	H	
1254	3	05 19 22.6	-45 44 08	42	0.0244	0.0052	25.5	4.5	4.7	1.0	0	12.5	H	

(5h 18m)

I 4561

(5h 18m)



LMC BAR #1, LMC FOLLOWUP, DEEP IPC POINTING

FIELD CENTER: 05^h18^m40.8^s -69°14'23" (B1950)

DATE: 1979/251 - 1979/254

NH: 8.8E+20

05^h18^m21.3^s -69°11'22" (J2000)

LIVETIME: 9874.4s

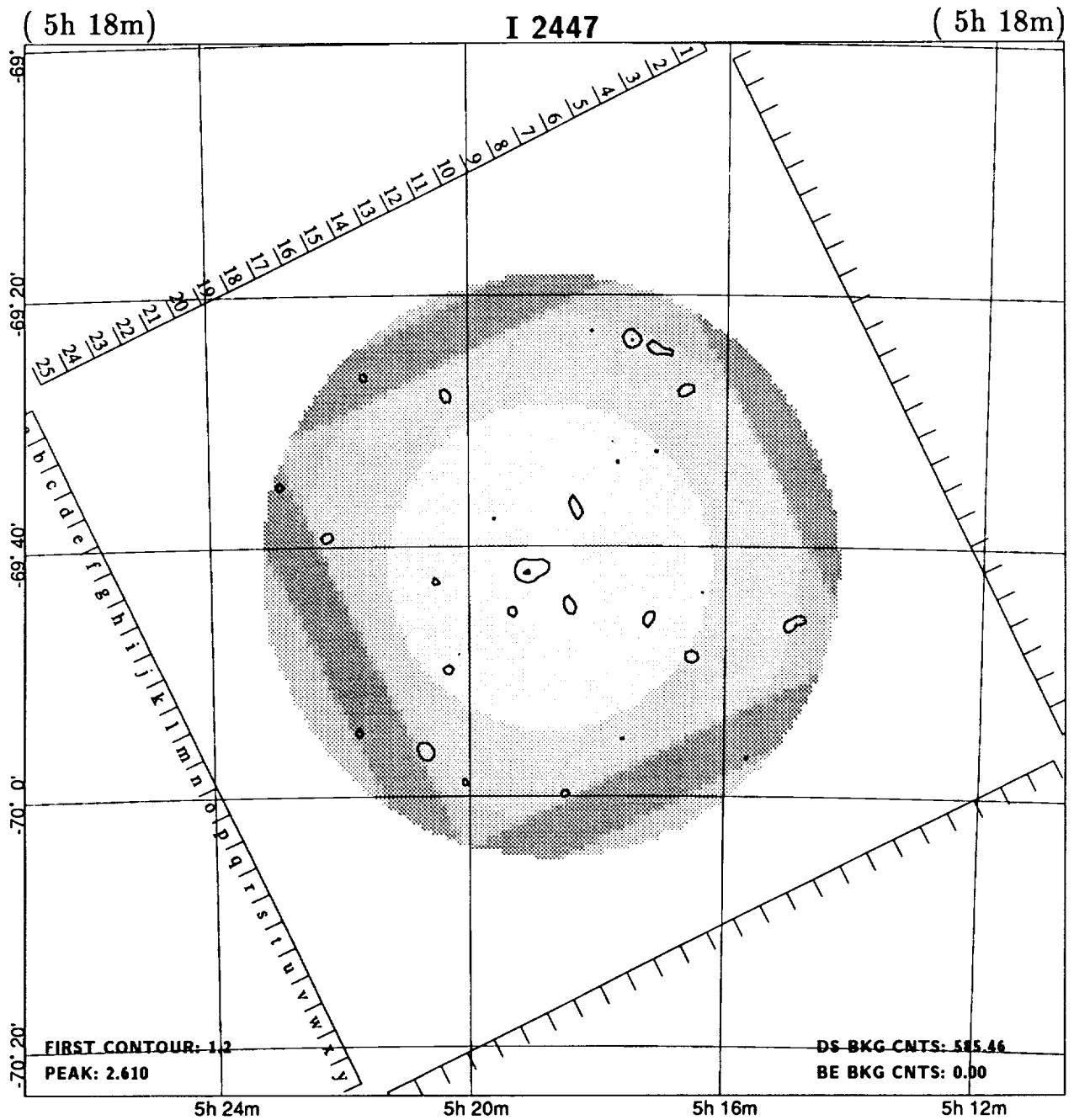
REF/ID: !

ℓ: 279.91 b: -33.45

ROLL ANGLE: -86.3°

FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1257	1L	05 19 54.2	-69 05 03	37	0.531	0.011	3403.8	303.2	49.6	1.2	0	11.4	A	SNR
1259	2L	05 20 06.2	-69 28 28	48	0.0205	0.0030	118.9	85.1	6.8	1.5	0	16.0		SNR



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h18^m48.0^s -69°41'59" (B1950)
 05^h18^m24.2^s -69°38'59" (J2000)
 l : 280.44 b : -33.35

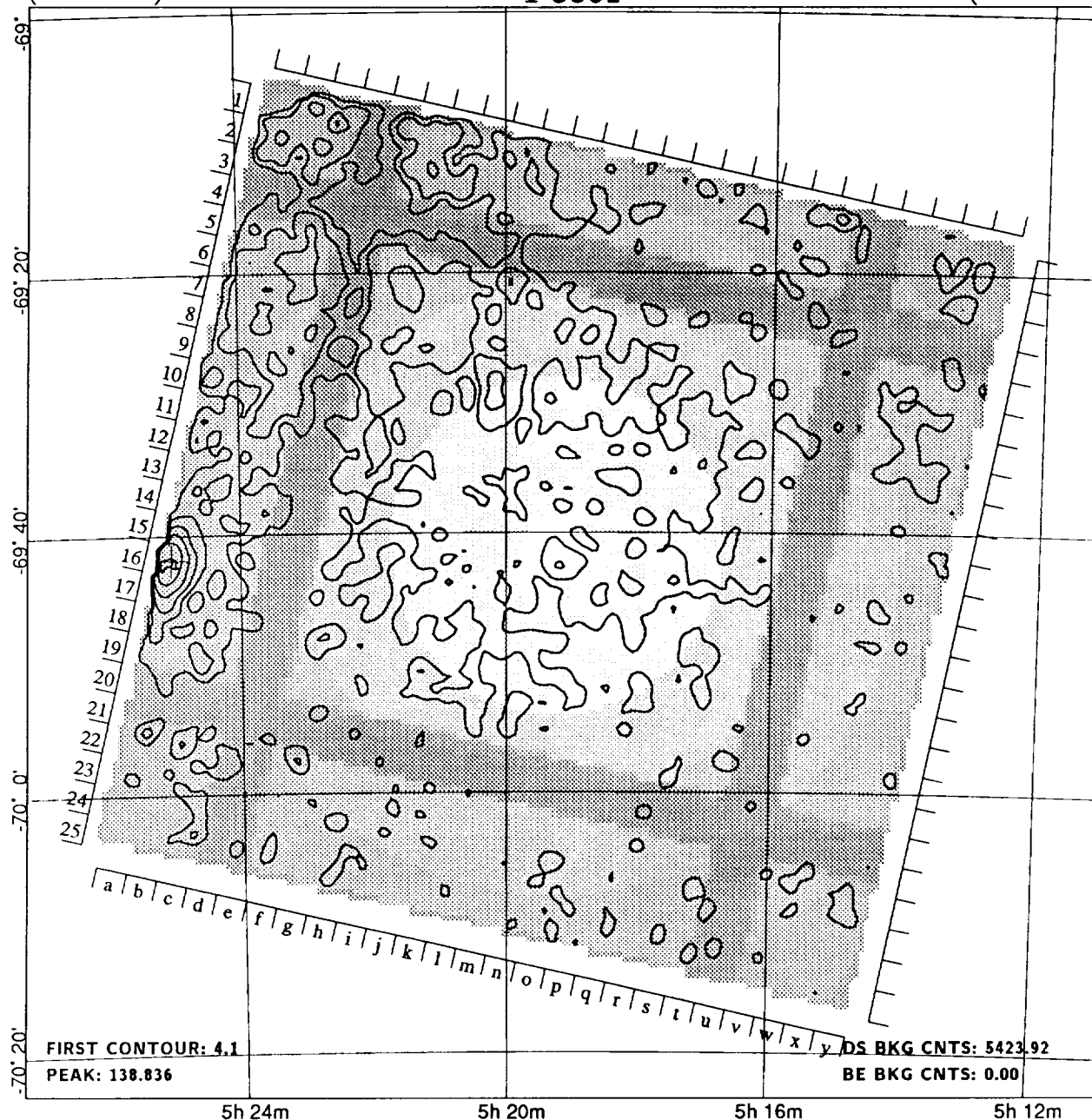
DATE: 1979/102 - 1979/103
 LIVETIME: 474.4s
 ROLL ANGLE: 63.8°

NH: 9.3E+20
 REF/ID:
 FIELD FLAGS: L

(5h 19m)

I 5861

(5h 19m)



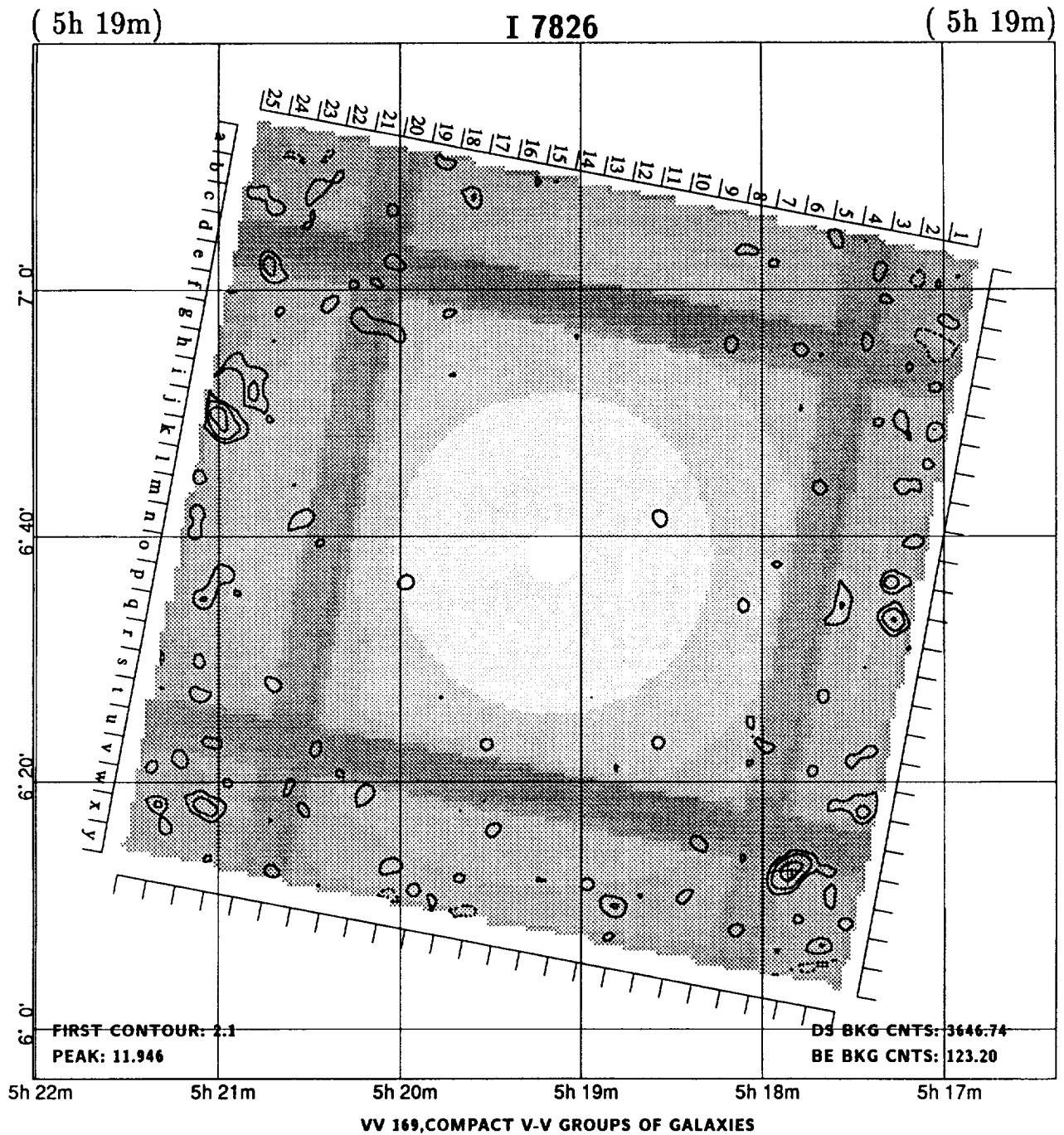
LMC SNR FOLLOWUP: N120

FIELD CENTER: $05^h 19^m 07.9^s$ $-69^\circ 41' 38''$ (B1950)
 $05^h 18^m 44.2^s$ $-69^\circ 38' 40''$ (J2000)
 $l: 280.43$ $b: -33.32$

DATE: 1980/150 - 1980/150
 LIVETIME: 4395.1s
 ROLL ANGLE: 12.5°

NH: $9.3E+20$
 REF/ID:
 FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 02.5	-69 41 54	47	*0.118	0.013	243.7	93.8	8.9	13.8	603	30.9	AI	SNR

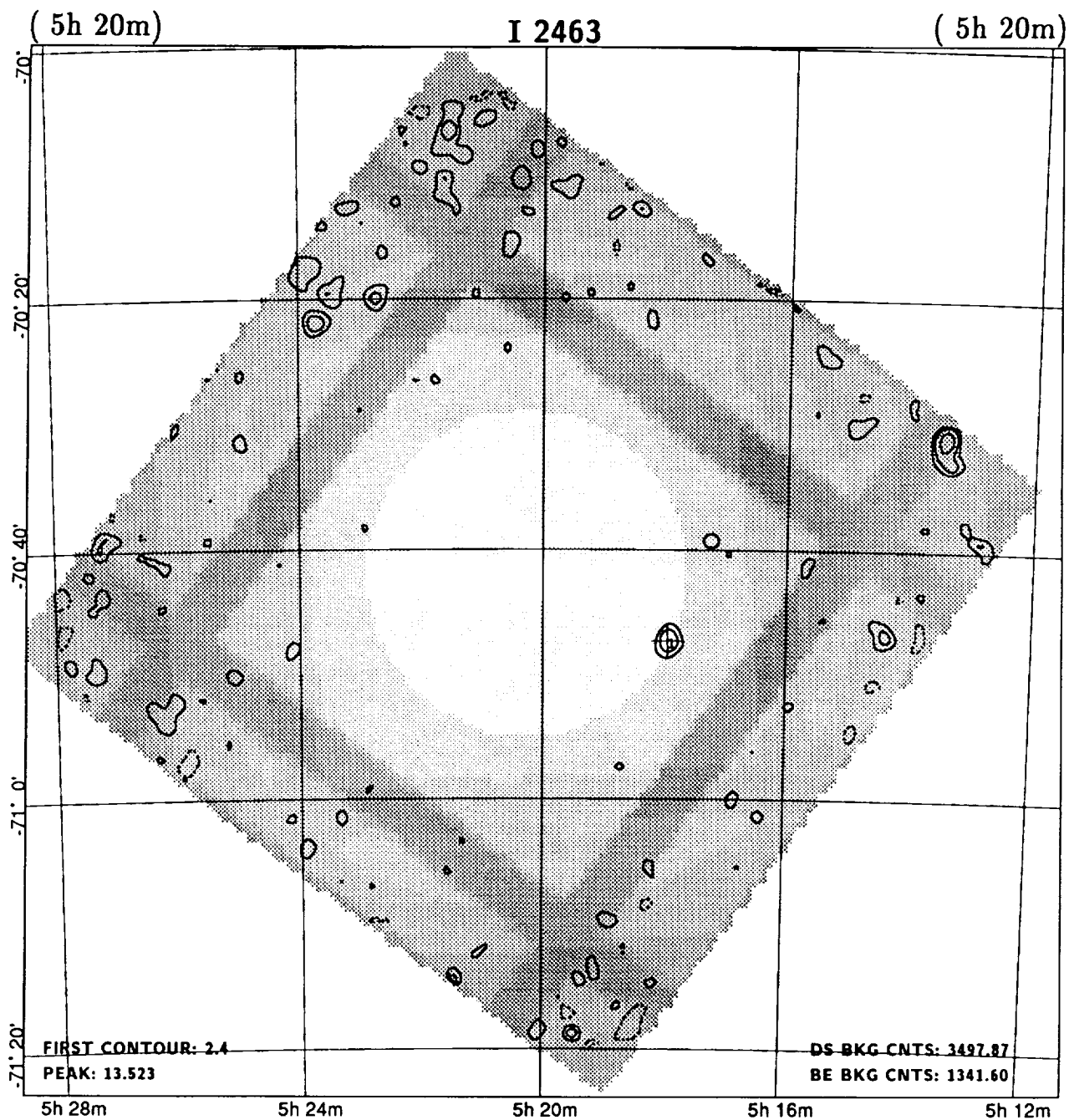


FIELD CENTER: 05^h19^m12.0^s 06°37'59" (B1950)
 05^h21^m53.4^s 06°40'51" (J2000)
 l : 196.20 b : -16.48

DATE: 1981/ 46 - 1981/ 47
 LIVETIME: 2955.1s
 ROLL ANGLE: 100.7°

NH: 1.6E+21
 REF/ID: CLG
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1249	1	05 17 51.7	06 12 51	55	*0.0213	0.0052	20.0	4.0	4.1	1.1	1207	32.1		



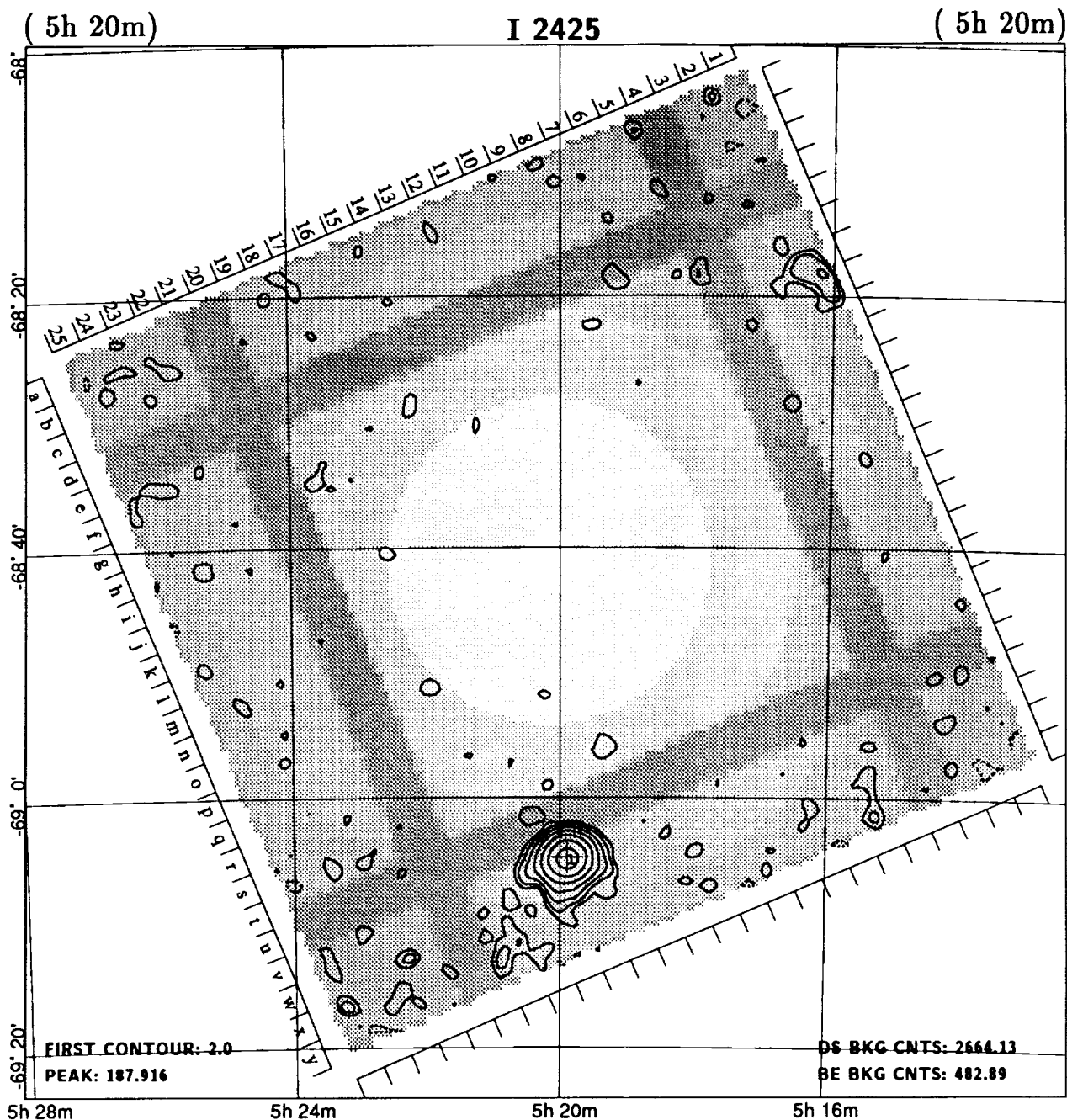
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h20^m00.0^s -70°41'59" (B1950)
05^h19^m26.1^s -70°39'04" (J2000)
 l : 281.59 b : -33.06

DATE: 1979/167 - 1979/311
LIVETIME: 2834.4s

NH: 9.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1250	1	05 17 56.5	-70 47 16	42	0.0131	0.0033	23.4	10.6	4.0	0.8	0	11.4	AH	*



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 20^m 12.0^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 19^m 57.1^s$ $-68^\circ 39' 05''$ (J2000)
 ℓ : 279.24 b : -33.41

DATE: 1979/103 - 1979/103
 LIVETIME: 2158.8s
 ROLL ANGLE: 67.1°

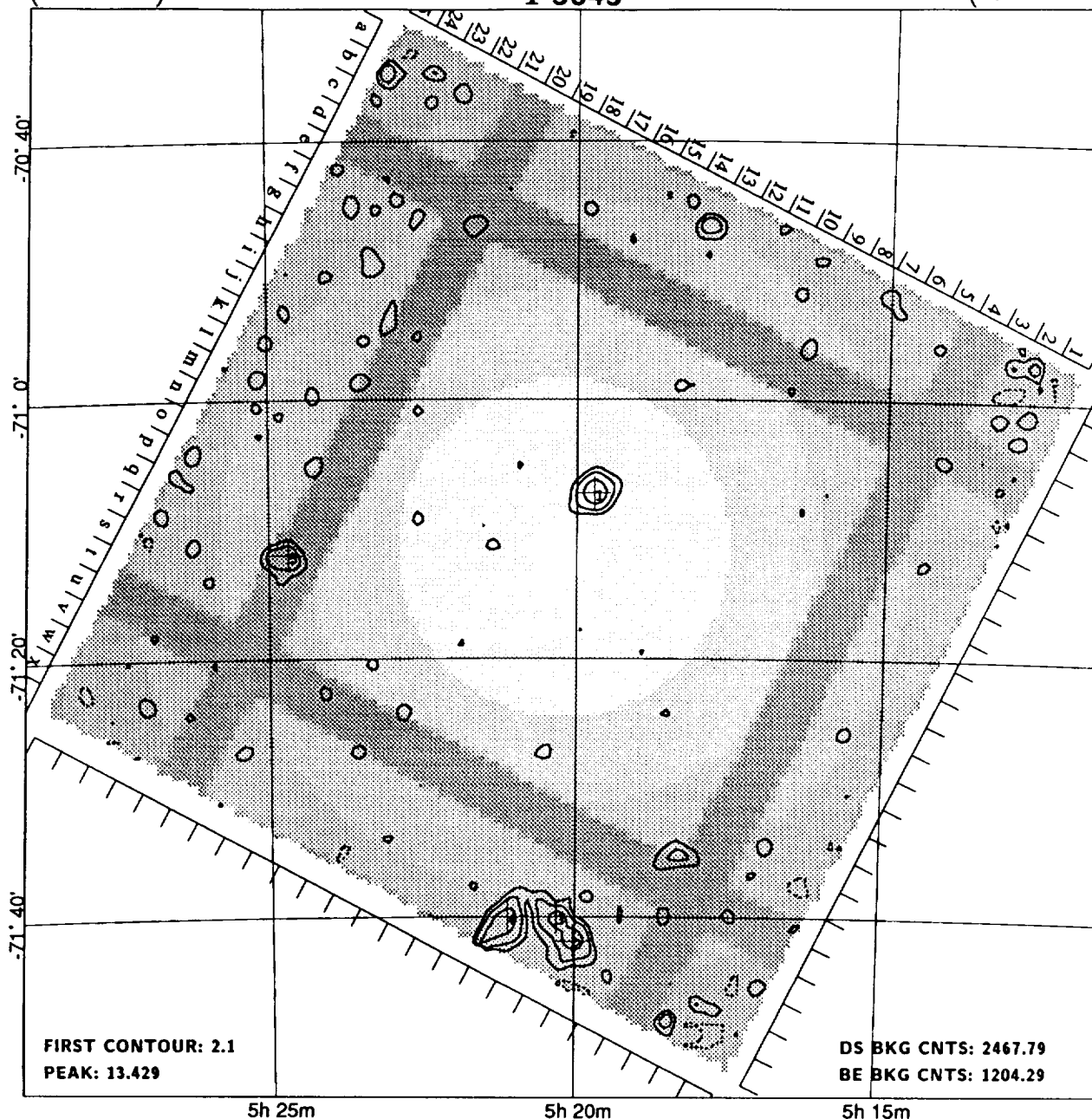
NH: $7.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1257	1	05 19 53.4	-69 04 46	47	*0.504	0.023	491.8	4.2	22.1	1.5	502	22.9	AH	SNR

(5h 20m)

I 5843

(5h 20m)



LMC SURVEY:

FIELD CENTER: $05^h 20^m 14.0^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 19^m 34.7^s$ $-71^\circ 09' 04''$ (J2000)
 $l: 282.17$ $b: -32.94$

DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 1999.7s
 ROLL ANGLE: 117.3°

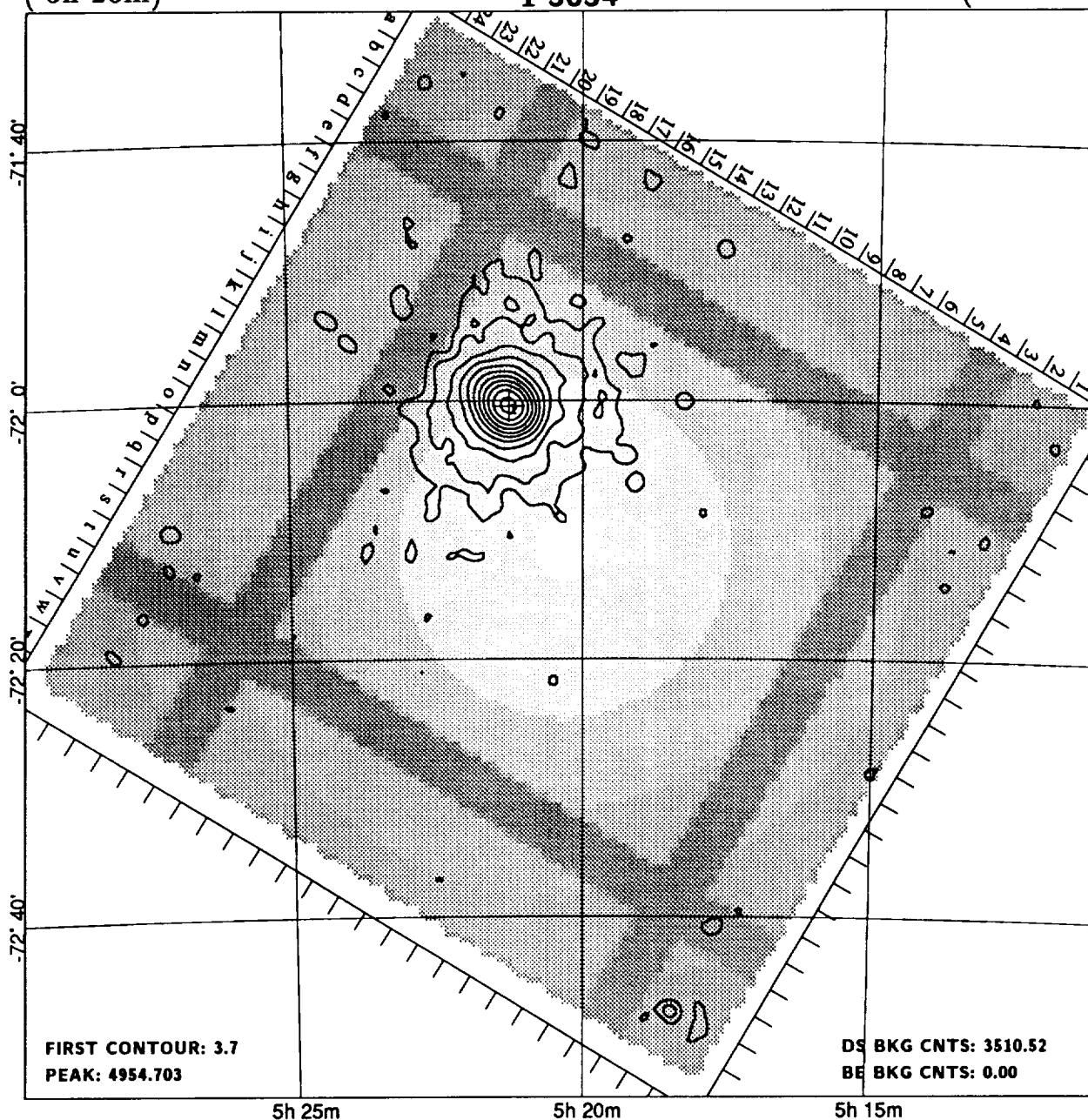
NH: $9.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1256	1	05 19 42.8	-71 07 10	41	0.0392	0.0057	56.1	9.9	6.9	1.0	0	5.2	H	S
1258	2	05 20 01.8	-71 41 50	52	0.0330	0.0079	22.6	6.4	4.2	3.4	0	30.0	H	
1261	3	05 20 18.5	-71 40 00	52	0.0301	0.0071	22.4	5.6	4.2	3.6	0	27.9	H	*
1262	4	05 21 07.0	-71 40 00	51	0.0322	0.0074	23.7	6.3	4.3	3.0	0	28.5	H	
1276	5	05 24 41.3	-71 11 58	55	*0.0228	0.0053	22.0	4.0	4.3	1.0	1409	21.5	A	S

(5h 20m)

I 5854

(5h 20m)



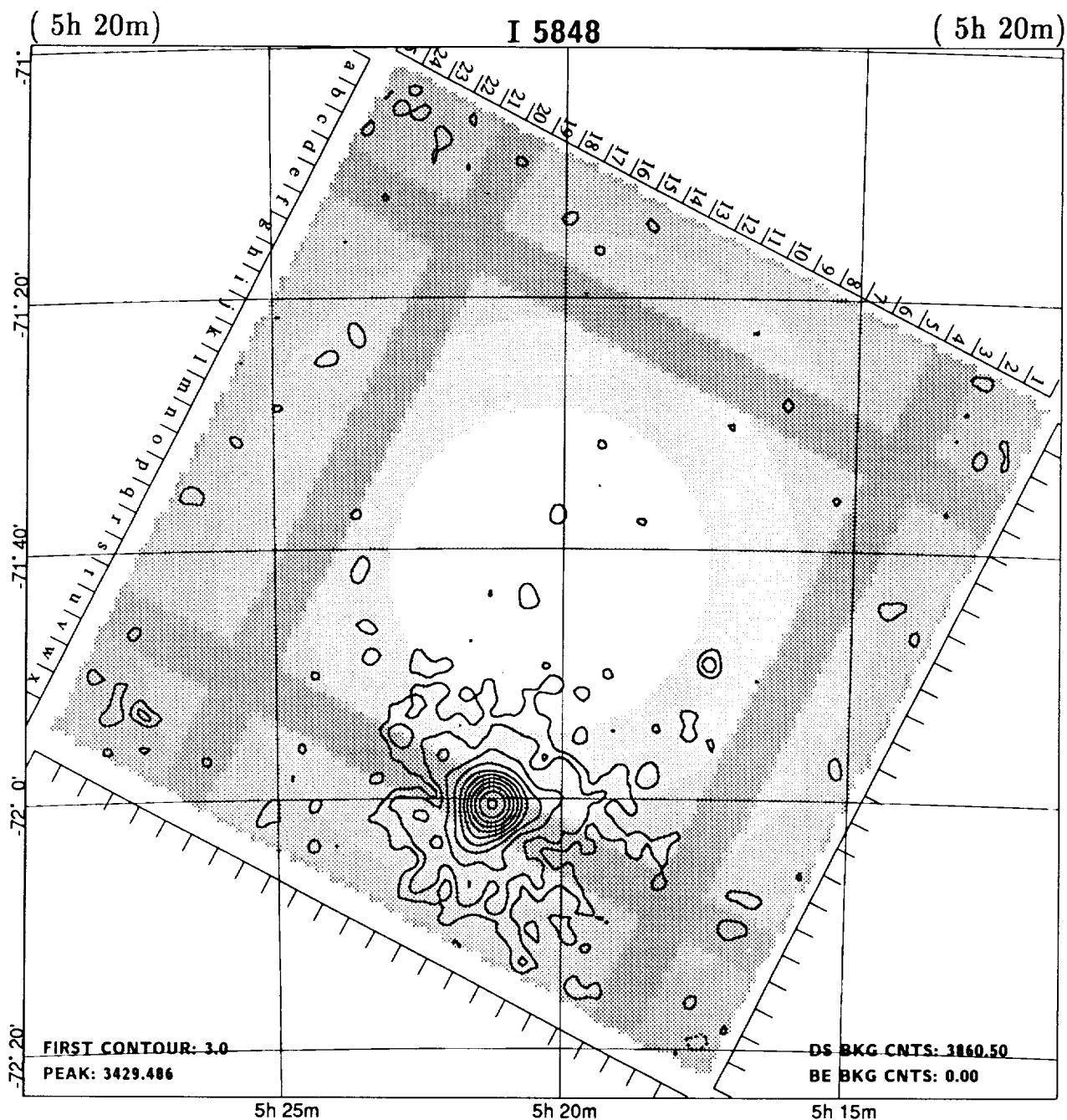
LMC SURVEY:

FIELD CENTER: $05^h 20^m 21.0^s$ $-72^\circ 11' 59''$ (B1950)
 $05^h 19^m 30.0^s$ $-72^\circ 09' 04''$ (J2000)
 $l: 283.34$ $b: -32.72$

DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 2844.7s
 ROLL ANGLE: 121.0°

NH: $9.3E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1264	1L	05 21 15.7	-72 00 24	37	8.561	0.077	15614.6	386.5	111.1	1.2	0	12.3	A	S



LMC SURVEY:

FIELD CENTER: $05^h 20^m 22.0^s$ $-71^\circ 41' 59''$ (B1950)
 $05^h 19^m 37.0^s$ $-71^\circ 39' 05''$ (J2000)
 $l: 282.75$ $b: -32.82$

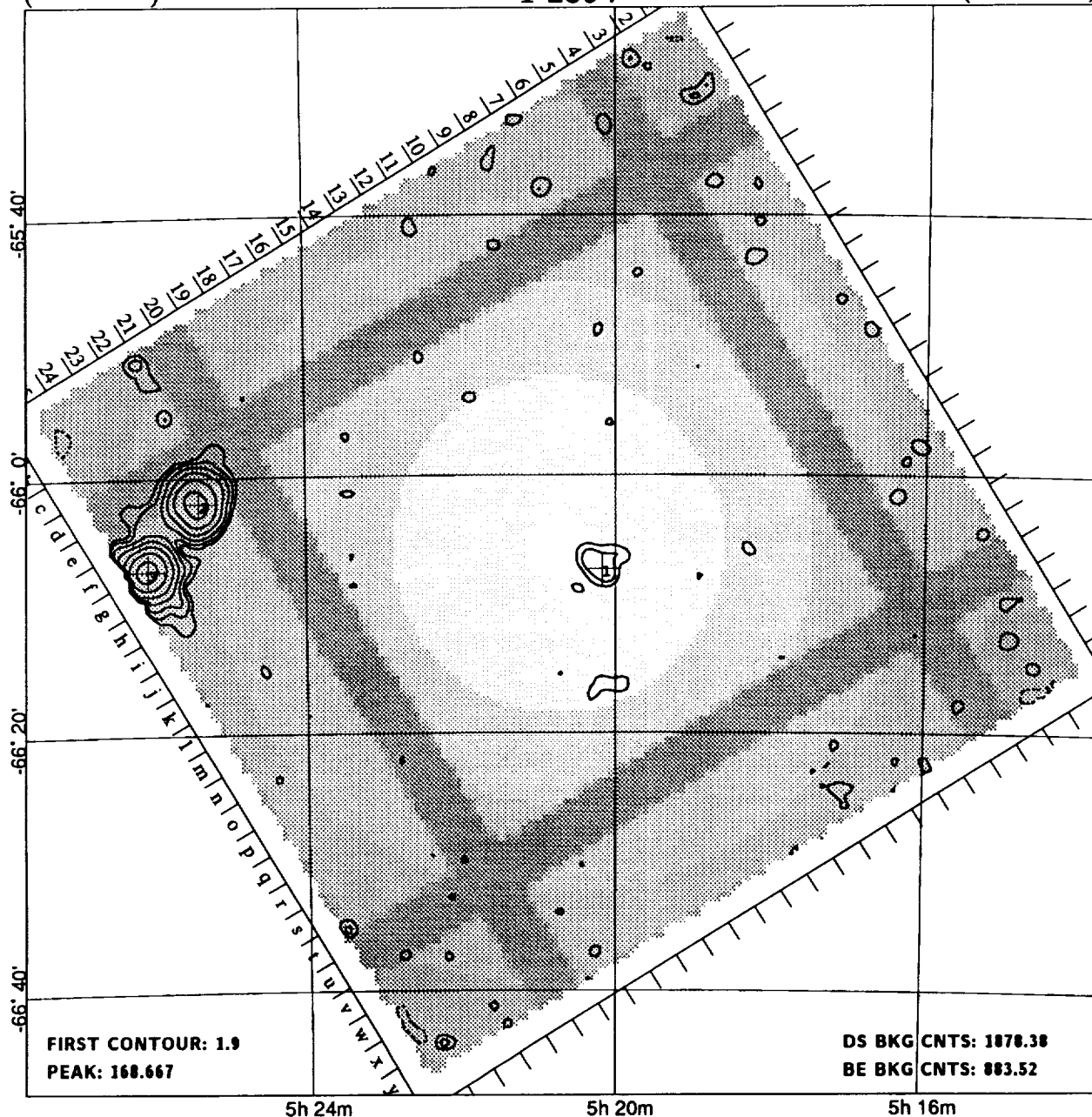
DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 3128.3s
 ROLL ANGLE: 117.3°

NH: $9.0E+20$
 REF/ID:
 FIELD FLAGS: LS

(5h 20m)

I 2394

(5h 20m)



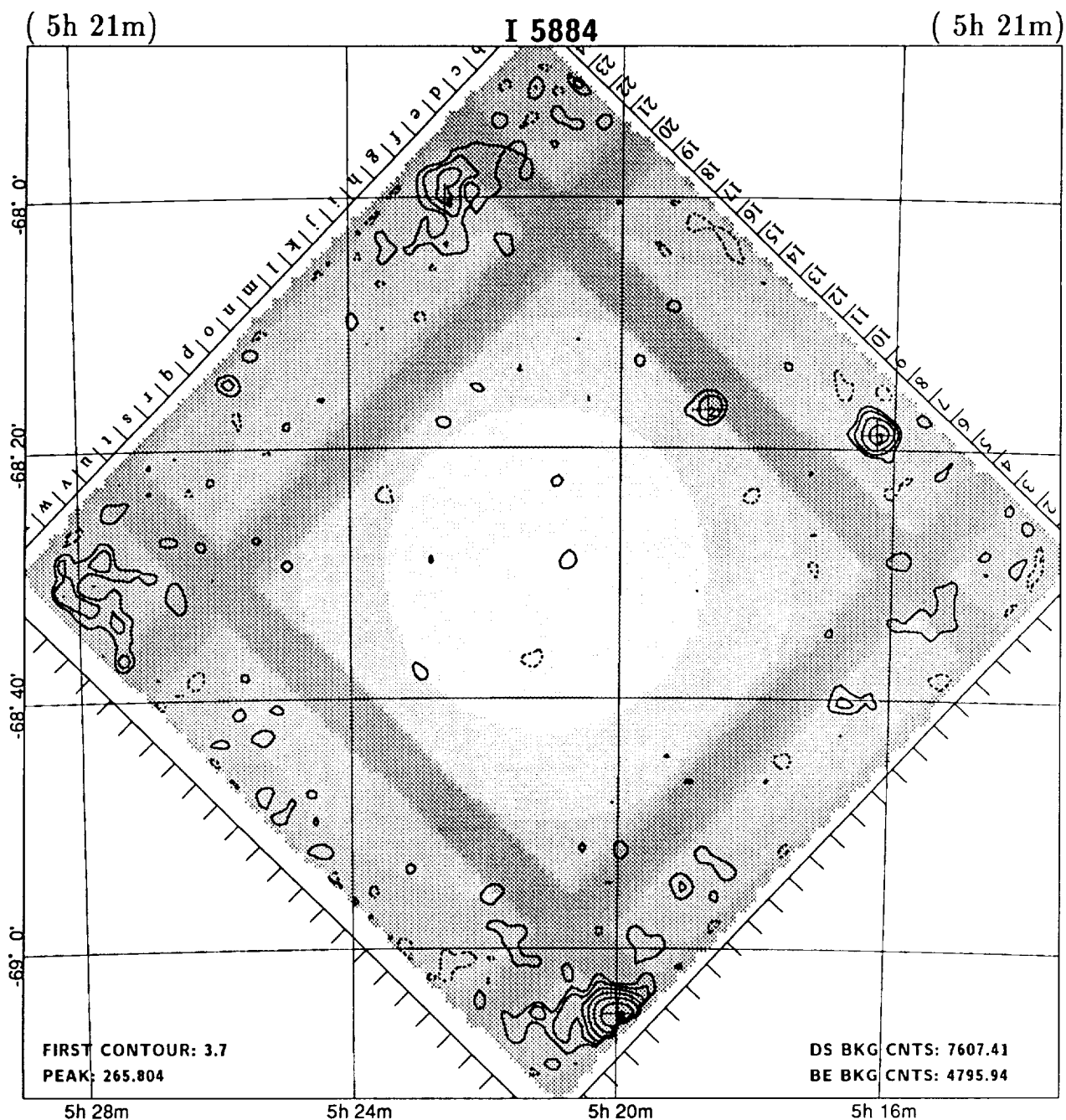
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 20^m 40.8^s$ $-66^\circ 05' 59''$ (B1950)
 $05^h 20^m 46.1^s$ $-66^\circ 03' 08''$ (J2000)
 $l: 276.15$ $b: -33.78$

DATE: 1979/102 - 1979/102
 LIVETIME: 1522.1s
 ROLL ANGLE: 58.6°

NH: $5.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1260	1	05 20 10.2	-66 07 17	36	0.0317	0.0059	34.9	7.1	5.4	1.1	0	3.5	H	S
1277	2	05 25 21.9	-66 02 00	47	*0.362	0.025	207.1	3.9	14.3	4.1	701	28.9	AH	SNR
1279	3	05 26 01.7	-66 07 13	47	0.646	0.037	305.9	5.1	17.3	2.2	400	32.7	AH	SNR



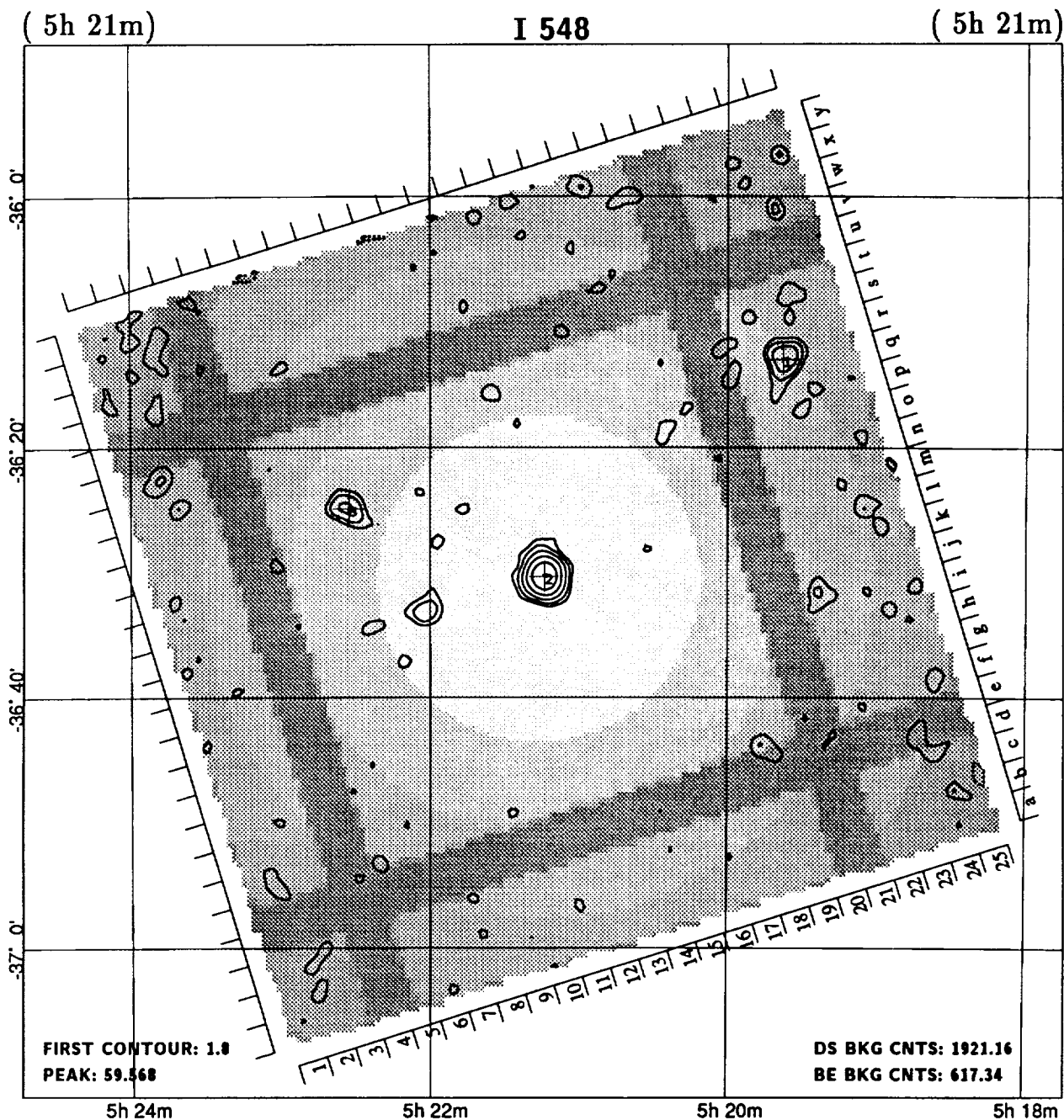
LMC DEEP SURVEY:

FIELD CENTER: $05^h 21^m 10.0^s$ $-68^\circ 29' 59''$ (B1950)
 $05^h 20^m 56.7^s$ $-68^\circ 27' 10''$ (J2000)
 $l: 278.99$ $b: -33.36$

DATE: 1981/ 27 - 1981/ 27
 LIVETIME: 6164.5s
 ROLL ANGLE: 133.8°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1247	1	05 16 15.5	-68 18 48	48	0.0394	0.0045	90.0	18.0	8.7	1.0	0	29.2	AH	S
1253	2	05 18 43.8	-68 16 50	52	*0.0123	0.0022	41.0	12.0	5.6	0.8	805	18.9	H	
1257	3	05 19 58.6	-69 05 11	47	*0.258	0.014	364.6	10.4	18.8	1.4	1104	35.6	AEH	SNR
1272	4	05 22 35.3	-68 00 12	52	0.0181	0.0037	38.0	23.0	4.9	3.2	0	30.8	aH	†



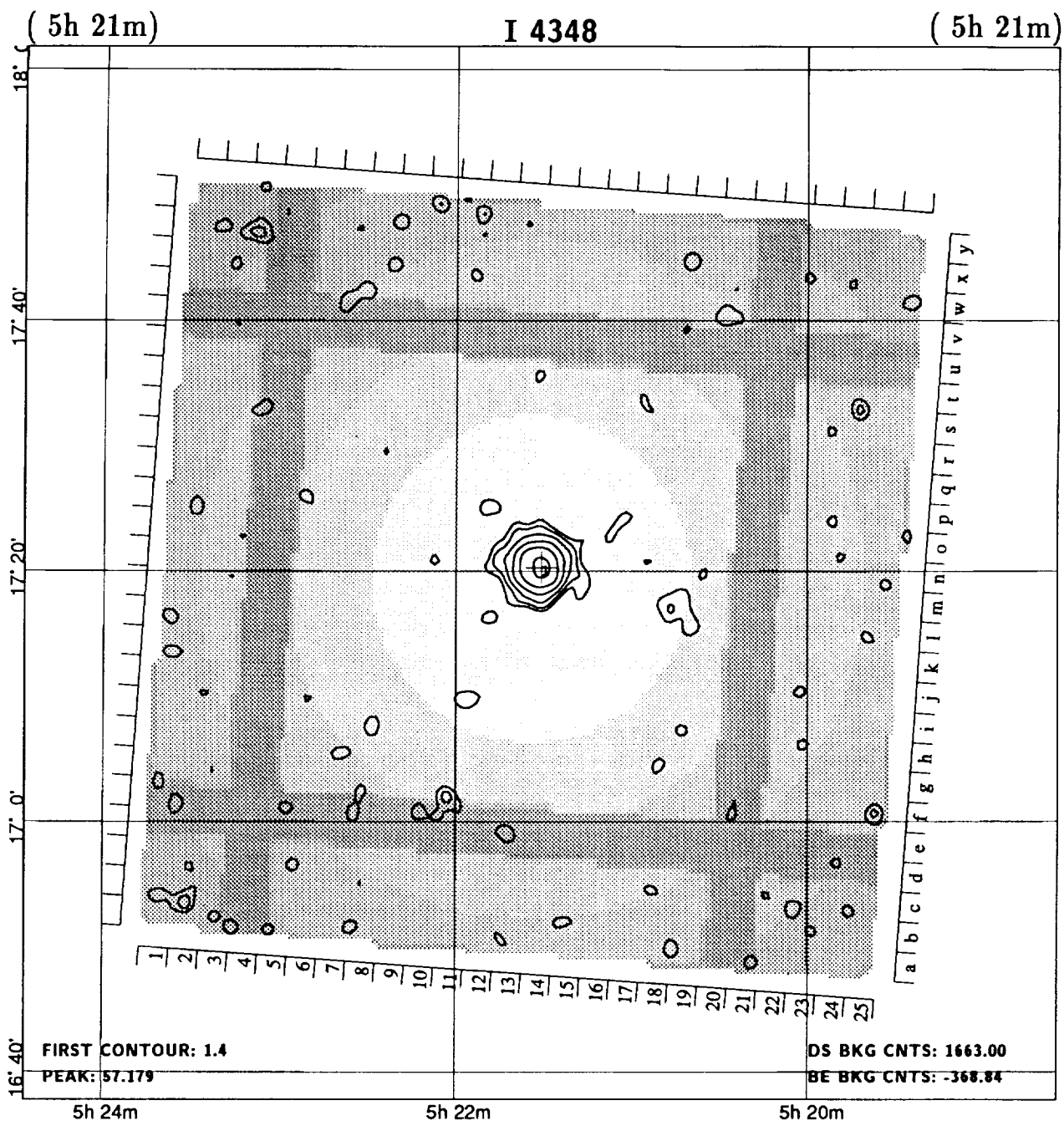
PKS 0521-36 QUASAR SURVEY

FIELD CENTER: 05^h21^m14.0^s -36°29'59" (B1950)
05^h22^m59.0^s -36°27'14" (J2000)
 ℓ : 240.60 b : -32.71

DATE: 1979/279 - 1979/279
LIVETIME: 1556.8s
ROLL ANGLE: -107.2°

NH: 3.3E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1255	1L	05 19 37.8	-36 12 58	51	0.048	0.011	30.5	4.5	4.4	1.0	0	25.7		
1263	2L	05 21 13.8	-36 30 17	31	0.186	0.015	215.8	22.2	12.3	1.1	0	0.3		BL
1270	3L	05 22 32.6	-36 24 53	51	0.0309	0.0073	27.3	4.7	4.1	0.9	0	16.6		



111 TAU, CORONAL ACTIVITY OF F,G,K STARS

FIELD CENTER: 05^h21^m31.2^s 17°19'47" (B1950)
05^h24^m25.5^s 17°22'29" (J2000)
 ℓ : 187.21 b : -10.29

DATE: 1979/253 - 1979/253
LIVETIME: 1347.6s
ROLL ANGLE: -85.9°

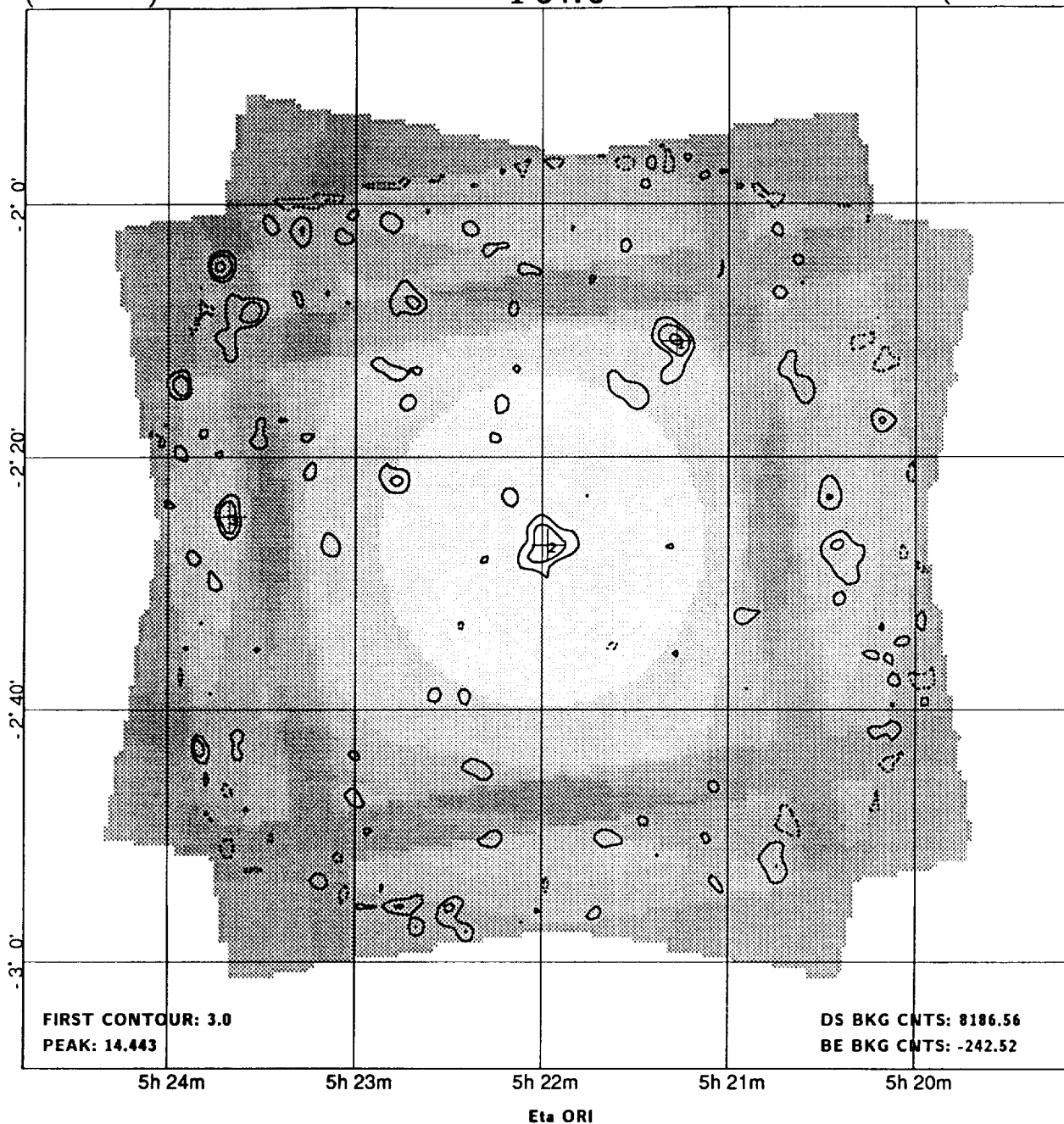
NH: 2.6E+21
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1266	1	05 21 30.8	17 20 16	31	0.280	0.017	280.0	3.0	16.6	1.7	0	0.7	H	S

(5h 21m)

I 5475

(5h 21m)

FIELD CENTER: 05^h21^m57.7^s -02°26'28" (B1950)

DATE: 1980/240 - 1980/285

NH: 1.6E+21

05^h24^m28.6^s -02°23'48" (J2000)

LIVETIME: 6633.8s

REF/ID:

ℓ: 204.87 b: -20.39

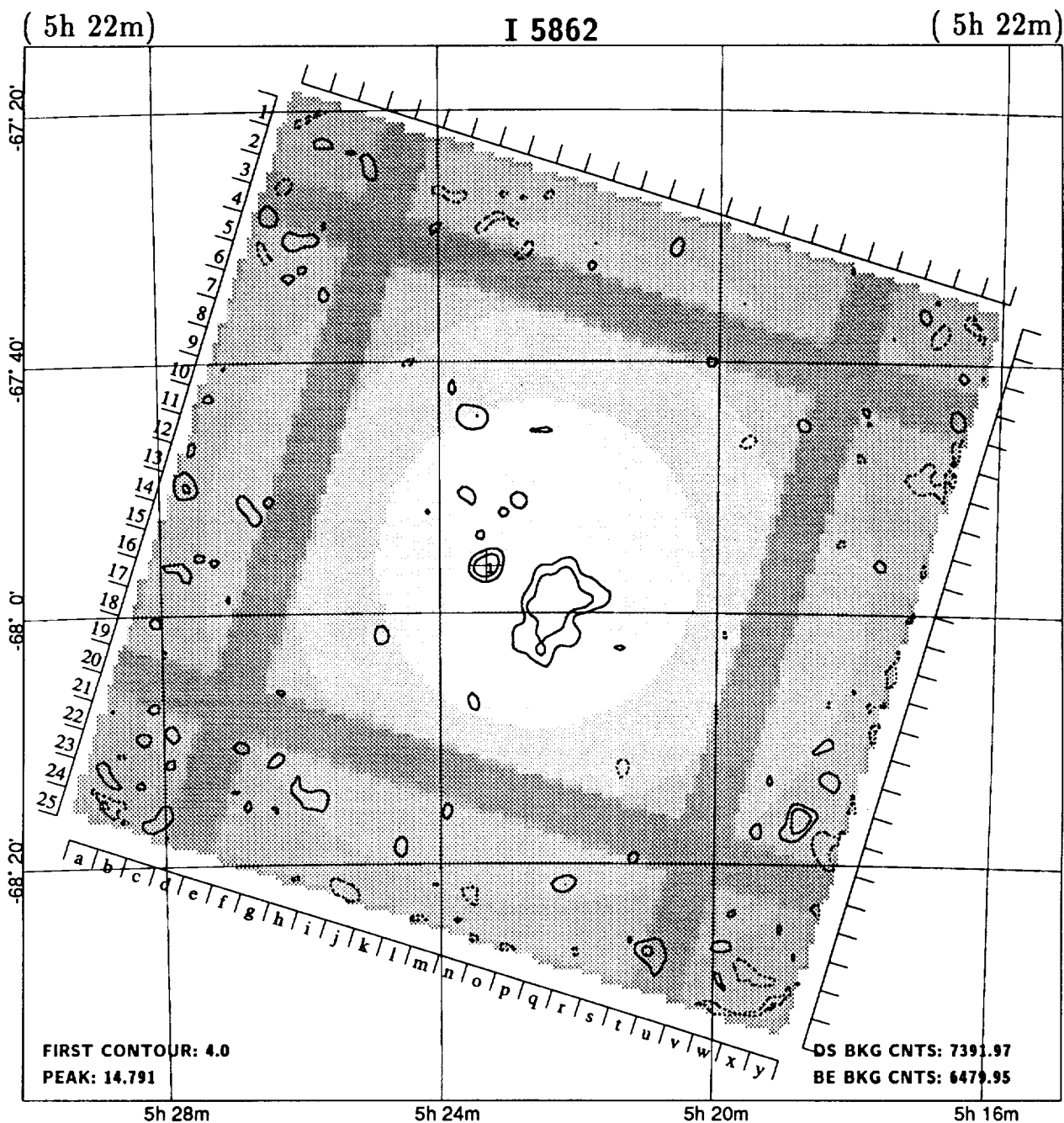
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1265	1	05 21 16.7	-02 10 51	51	*0.0096	0.0020	33.6	14.4	4.8	1.1	804	18.8	H	
1268	2	05 21 58.2	-02 26 56	35	0.0103	0.0017	51.1	19.9	6.1	1.4	0	0.8	H	
1274	3	05 23 40.4	-02 24 42	53	0.0072	0.0020	20.3	12.7	3.5	0.8	600	25.8	H	

(5h 22m)



NH: 2.4E+20
REF/ID:
FIELD FLAGS:

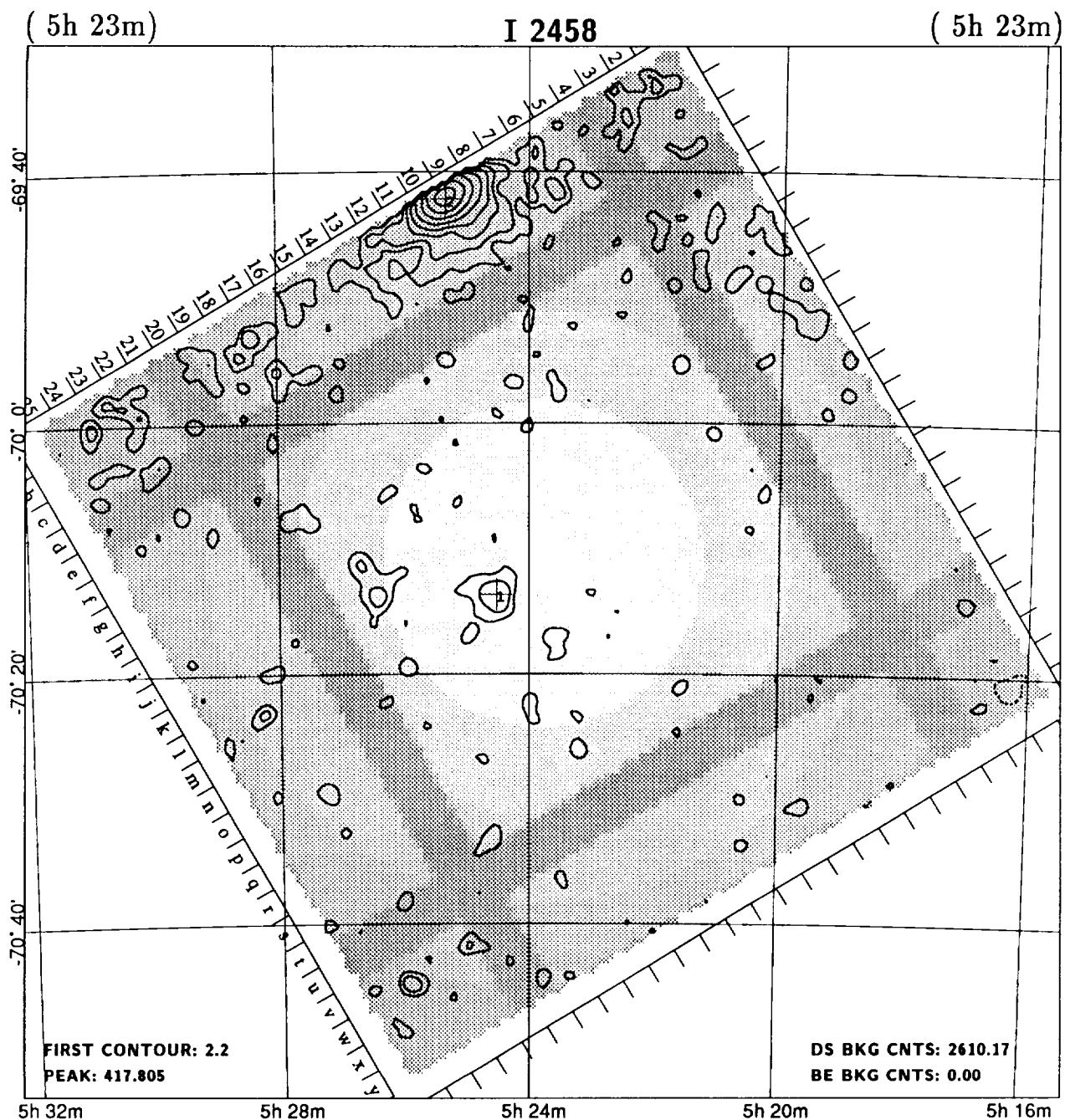


FIELD CENTER: 05^h22^m30.2^s -67°56'58" (B1950)
05^h22^m21.3^s -67°54'14" (J2000)
ℓ: 278.31 b: -33.32

DATE: 1980/146 - 1980/146
LIVETIME: 5989.9s
ROLL ANGLE: 17.1°

NH: 6.7E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1273	1L	05 23 19.9	-67 56 16	35	0.0113	0.0027	49.0	43.0	4.1	0.8	0	4.6		



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 23^m 48.0^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 23^m 18.6^s$ $-70^\circ 09' 20''$ (J2000)
 $l: 280.94$ $b: -32.84$

DATE: 1979/102 - 1979/102
 LIVETIME: 2115.1s
 ROLL ANGLE: 59.3°

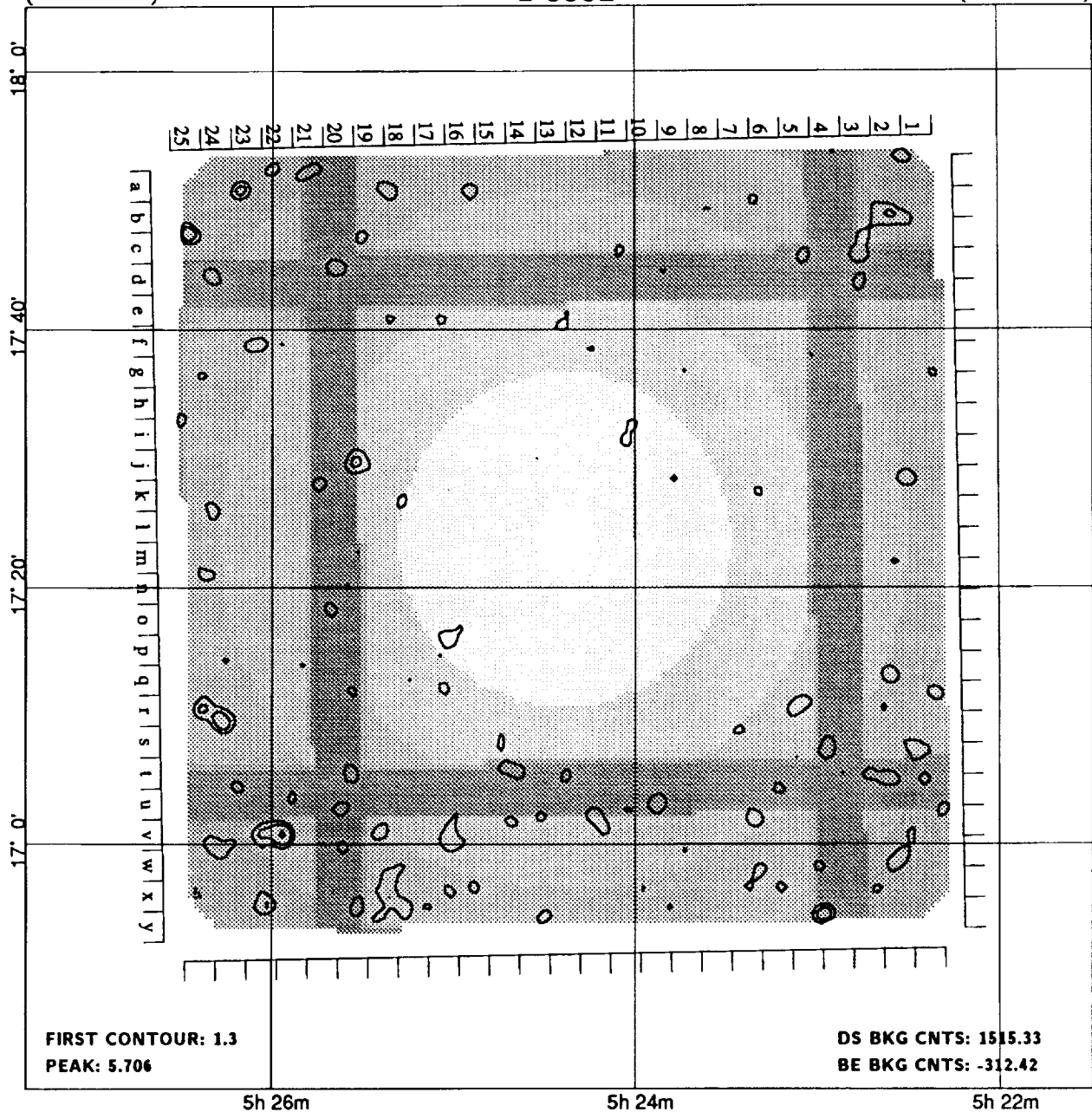
NH: $9.0E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1275	1L	05 24 31.1	-70 13 37	36	0.0196	0.0053	29.8	15.2	3.6	1.3	0	3.9		SY
1278	2L	05 25 19.2	-69 42 12	47	*0.893	0.046	718.9	137.2	19.5	1.5	601	30.8	AI	SNR

(5h 24m)

I 3532

(5h 24m)

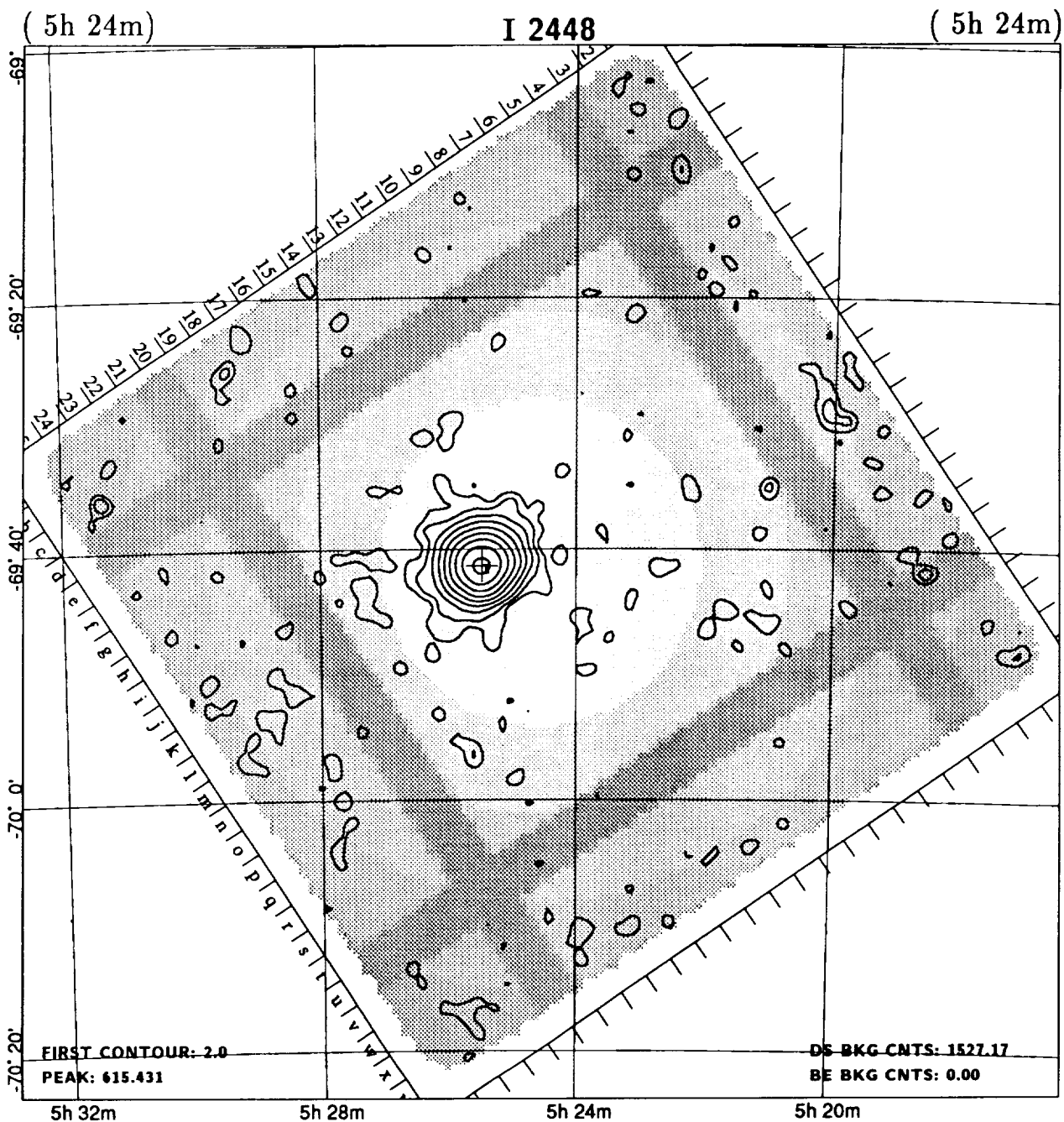


111 TAU, CORONAL ACTIVITY OF F, G, K STARS

FIELD CENTER: 05^h24^m25.0^s 17°22'59" (B1950)
05^h27^m19.4^s 17°25'28" (J2000)
 ℓ : 187.55 b : -9.68

DATE: 1979/ 85 - 1979/ 85
LIVETIME: 1227.9s
ROLL ANGLE: 89.0°

NH: 2.7E+21
REF/ID:
FIELD FLAGS:



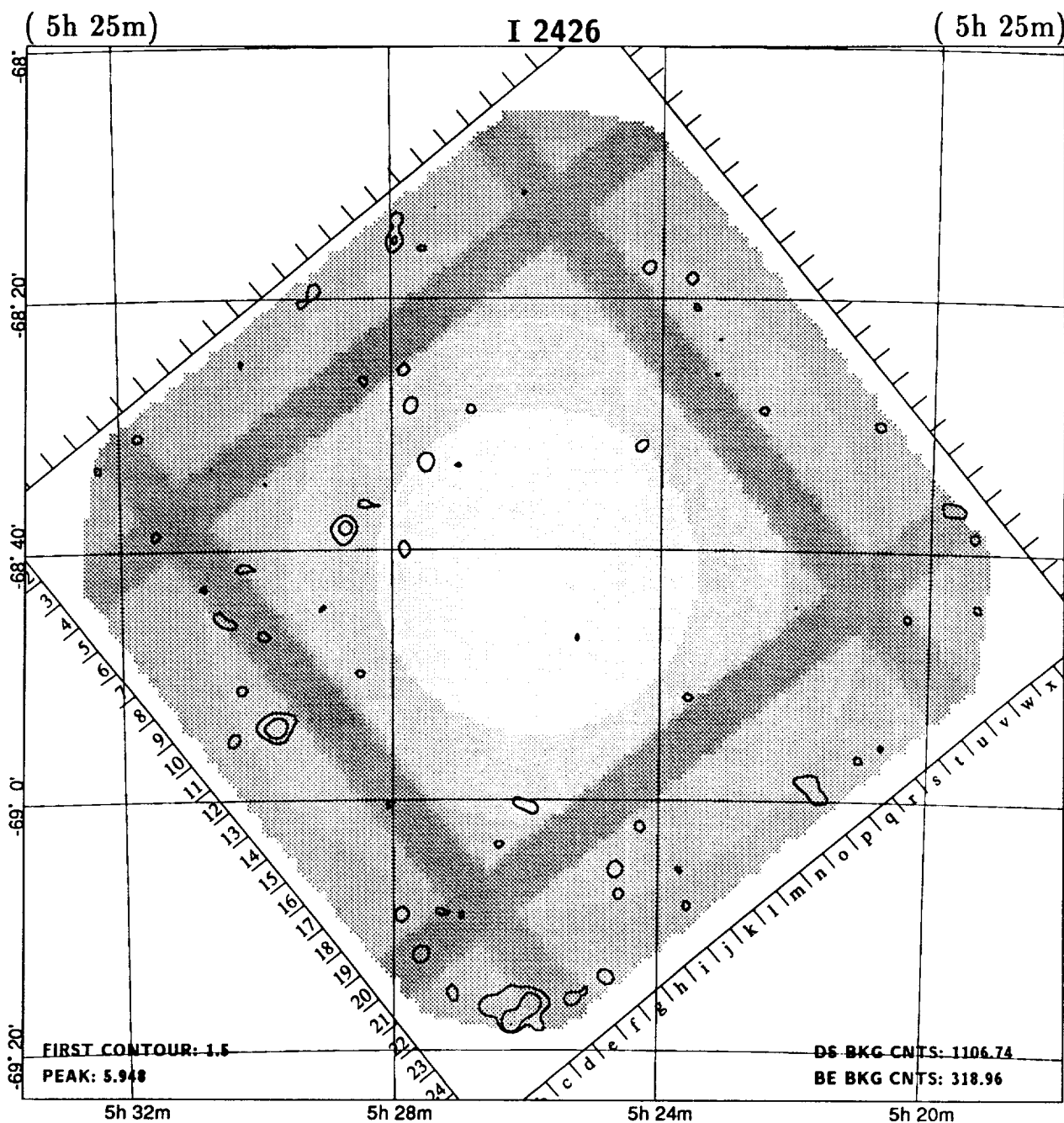
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 24^m 33.6^s$ $-69^\circ 41' 59''$ (B1950)
 $05^h 24^m 09.0^s$ $-69^\circ 39' 24''$ (J2000)
 $l: 280.34$ $b: -32.86$

DATE: 1979/102 - 1979/102
 LIVETIME: 1237.5s
 ROLL ANGLE: 56.2°

NH: $8.9E+20$
 REF/ID: SNR
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 28.5	-69 41 21	31	2.395	0.071	2119.9	774.1	33.4	1.7	0	4.7	A	SNR

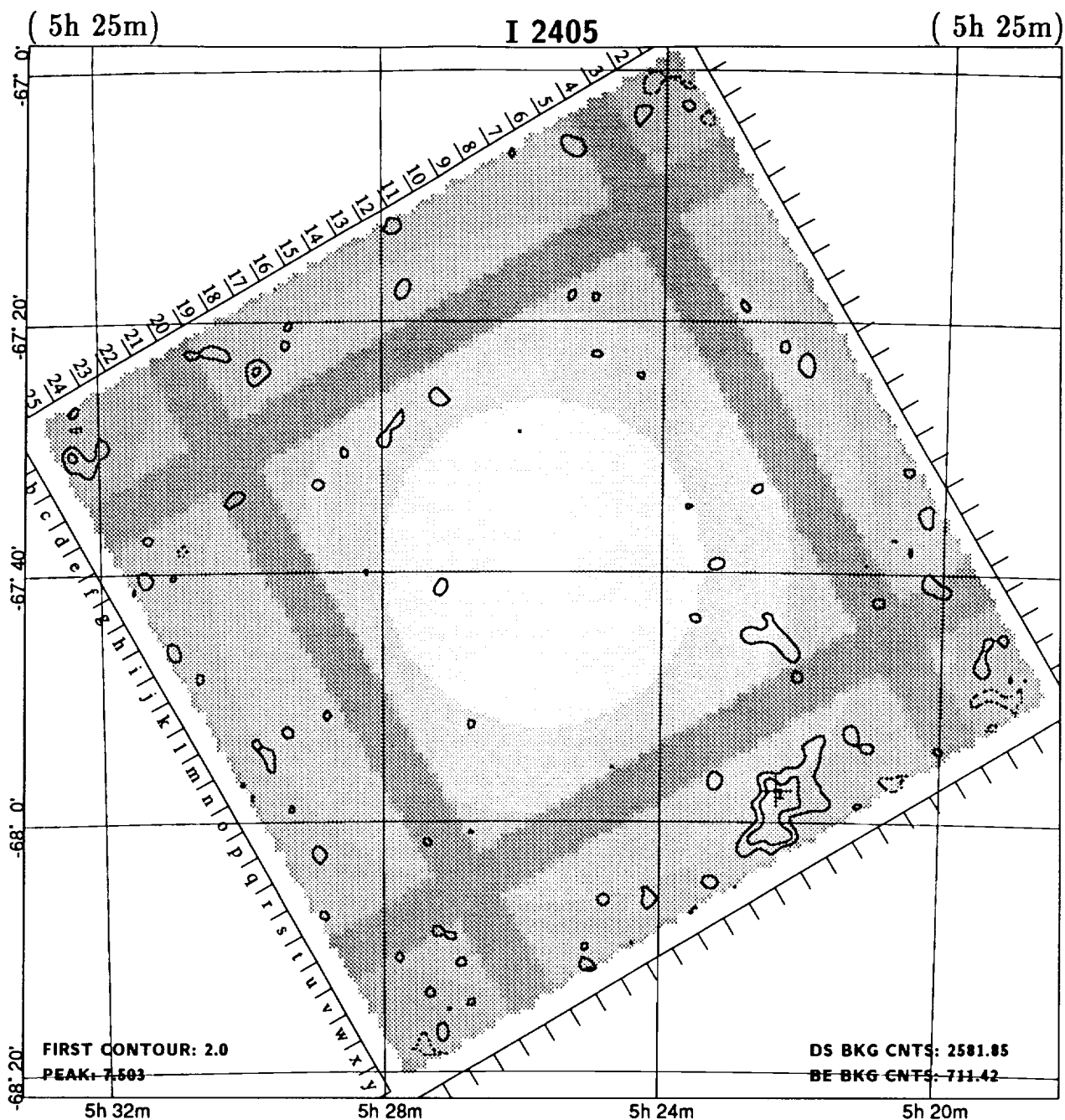


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 25^m 43.2^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 25^m 27.6^s$ $-68^\circ 39' 29''$ (J2000)
 $l: 279.14$ $b: -32.91$

DATE: 1979/205 - 1979/205
 LIVETIME: 896.8s
 ROLL ANGLE: -39.2°

NH: $7.8E+20$
 REF/ID: !
 FIELD FLAGS:



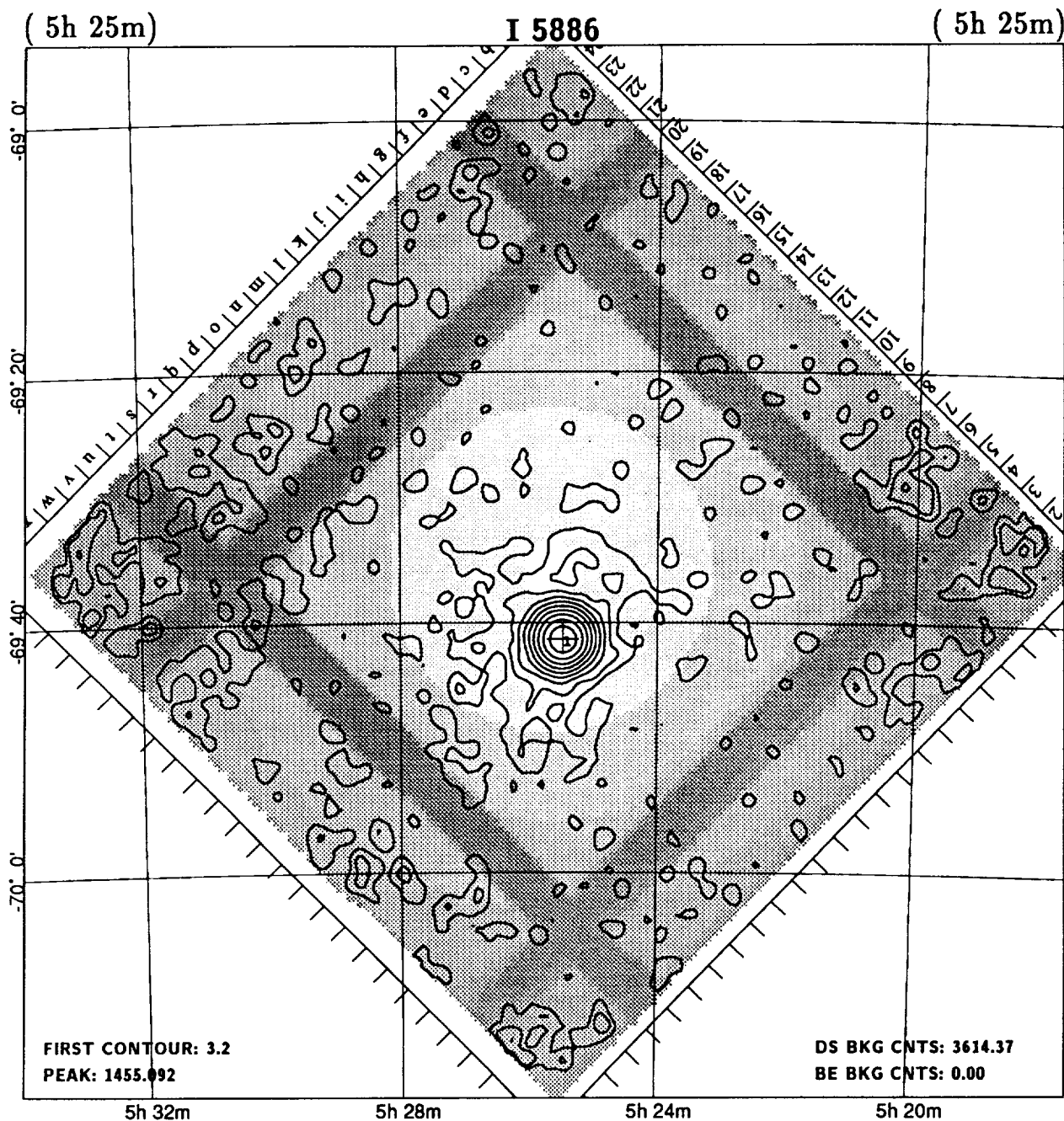
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 25^m 43.2^s$ $-67^\circ 40' 11''$ (B1950)
 $05^h 25^m 36.2^s$ $-67^\circ 37' 41''$ (J2000)
 $l: 277.93$ $b: -33.06$

DATE: 1979/102 - 1979/102
 LIVETIME: 2092.2s
 ROLL ANGLE: 59.8°

NH: $6.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1269	1	05 22 19.8	-67 57 28	63	0.0231	0.0059	19.7	5.3	3.9	3.1	0	25.7	aH	SNR



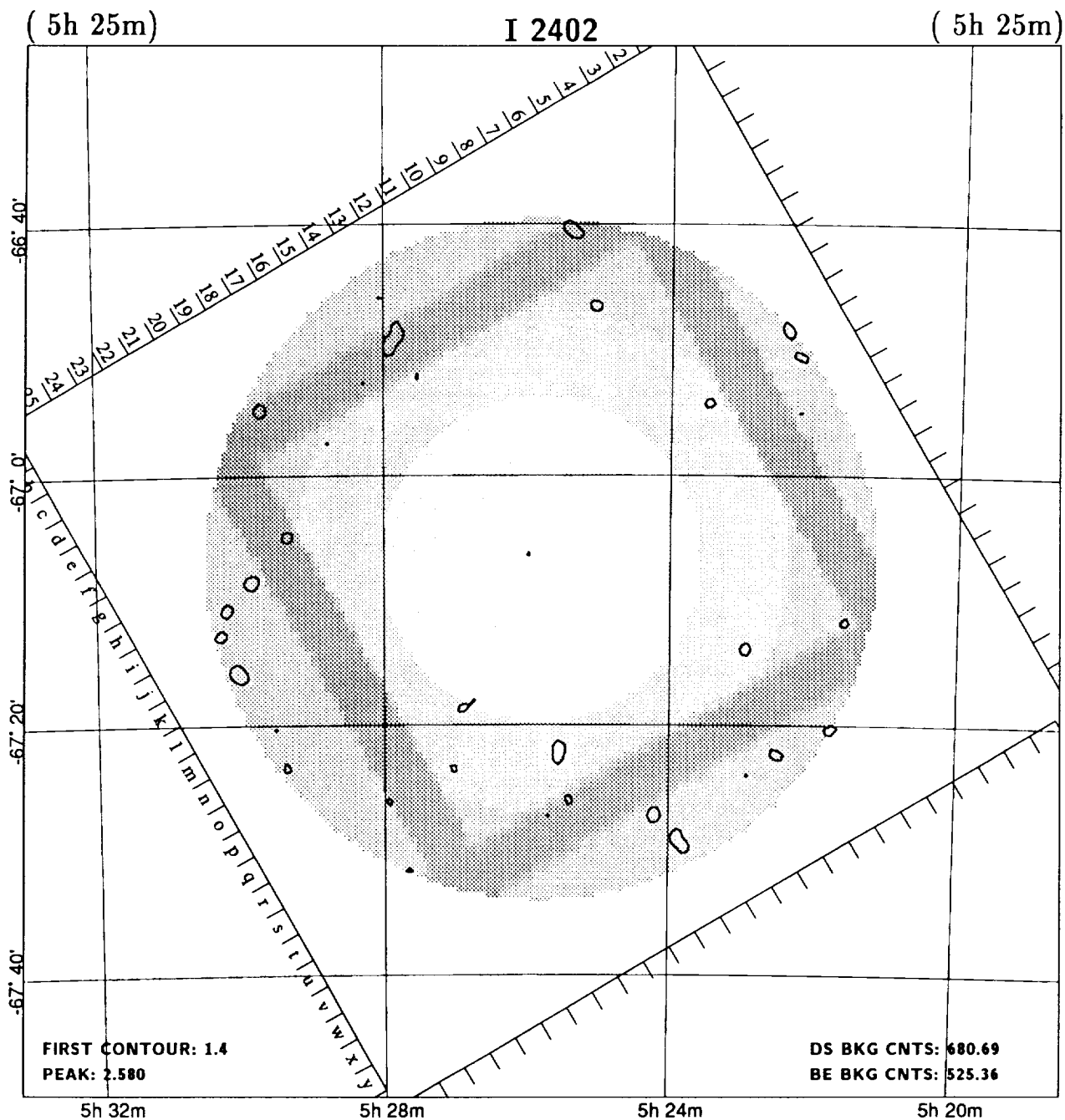
LMC DEEP SURVEY:

FIELD CENTER: $05^{\text{h}}25^{\text{m}}45.0^{\text{s}}$ $-69^{\circ}35'59''$ (B1950)
 $05^{\text{h}}25^{\text{m}}21.2^{\text{s}}$ $-69^{\circ}33'29''$ (J2000)
 $l: 280.20$ $b: -32.77$

DATE: 1981/ 27 - 1981/ 27
LIVETIME: 2928.8s
ROLL ANGLE: 134.5°

NH: $8.8\text{E}+20$
REF/ID: SNR
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 28.1	-69 41 19	37	2.607	0.043	5417.9	756.1	60.6	1.4	0	5.6	A	SNR



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 25^m 48.0^s$ $-67^\circ 07' 47''$ (B1950)
 $05^h 25^m 45.2^s$ $-67^\circ 05' 18''$ (J2000)
 $l: 277.29$ $b: -33.13$

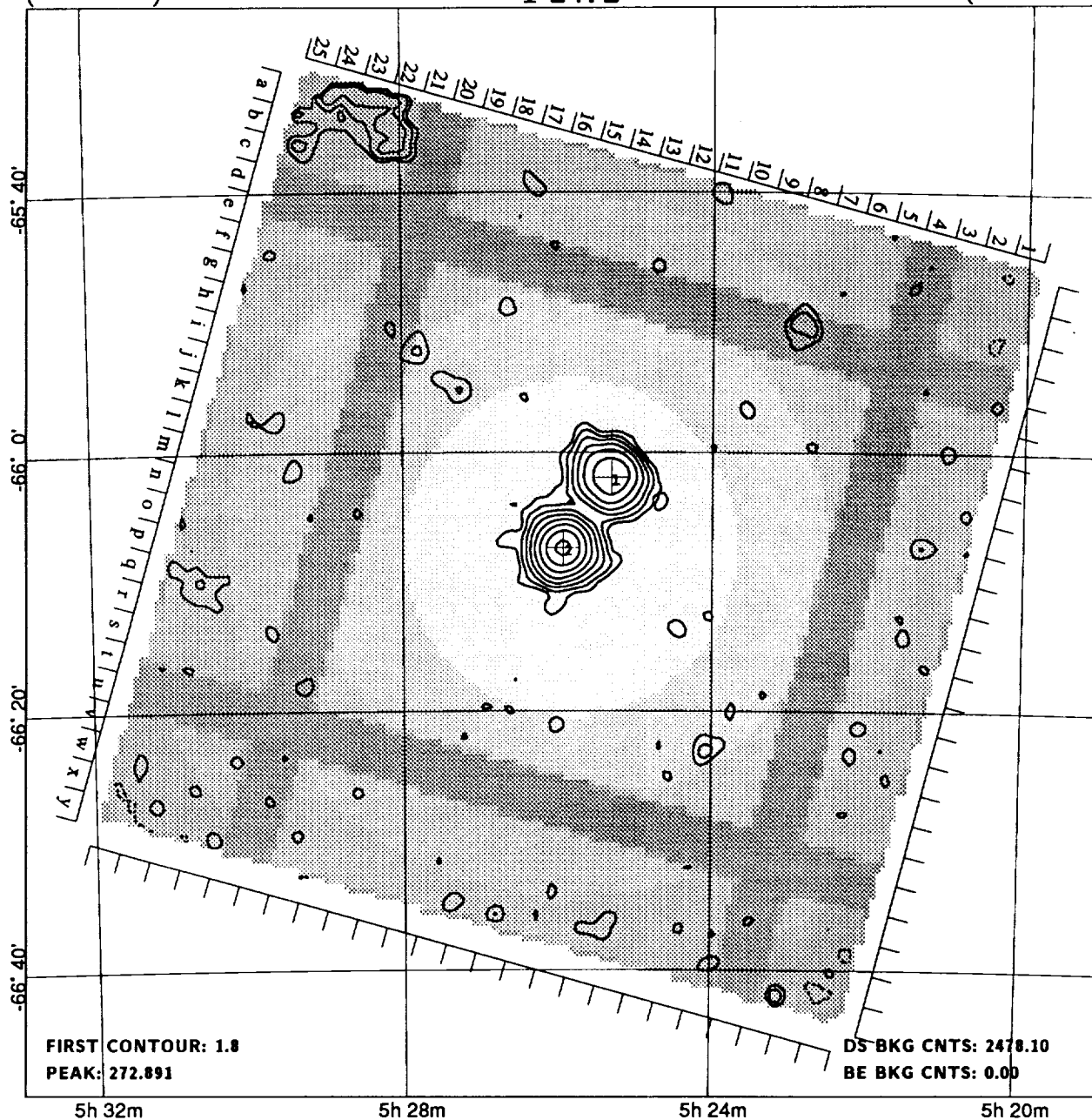
DATE: 1979/102 - 1979/102
 LIVETIME: 551.6s
 ROLL ANGLE: 59.9°

NH: $5.9E+20$
 REF/ID:
 FIELD FLAGS:

(5h 25m)

I 2472

(5h 25m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 25^m 54.9^s$ $-66^\circ 07' 47''$ (B1950)
 $05^h 25^m 59.4^s$ $-66^\circ 05' 19''$ (J2000)
 $l: 276.10$ $b: -33.25$

DATE: 1979/ 56 - 1979/ 56
 LIVETIME: 2008.1s
 ROLL ANGLE: 105.4°

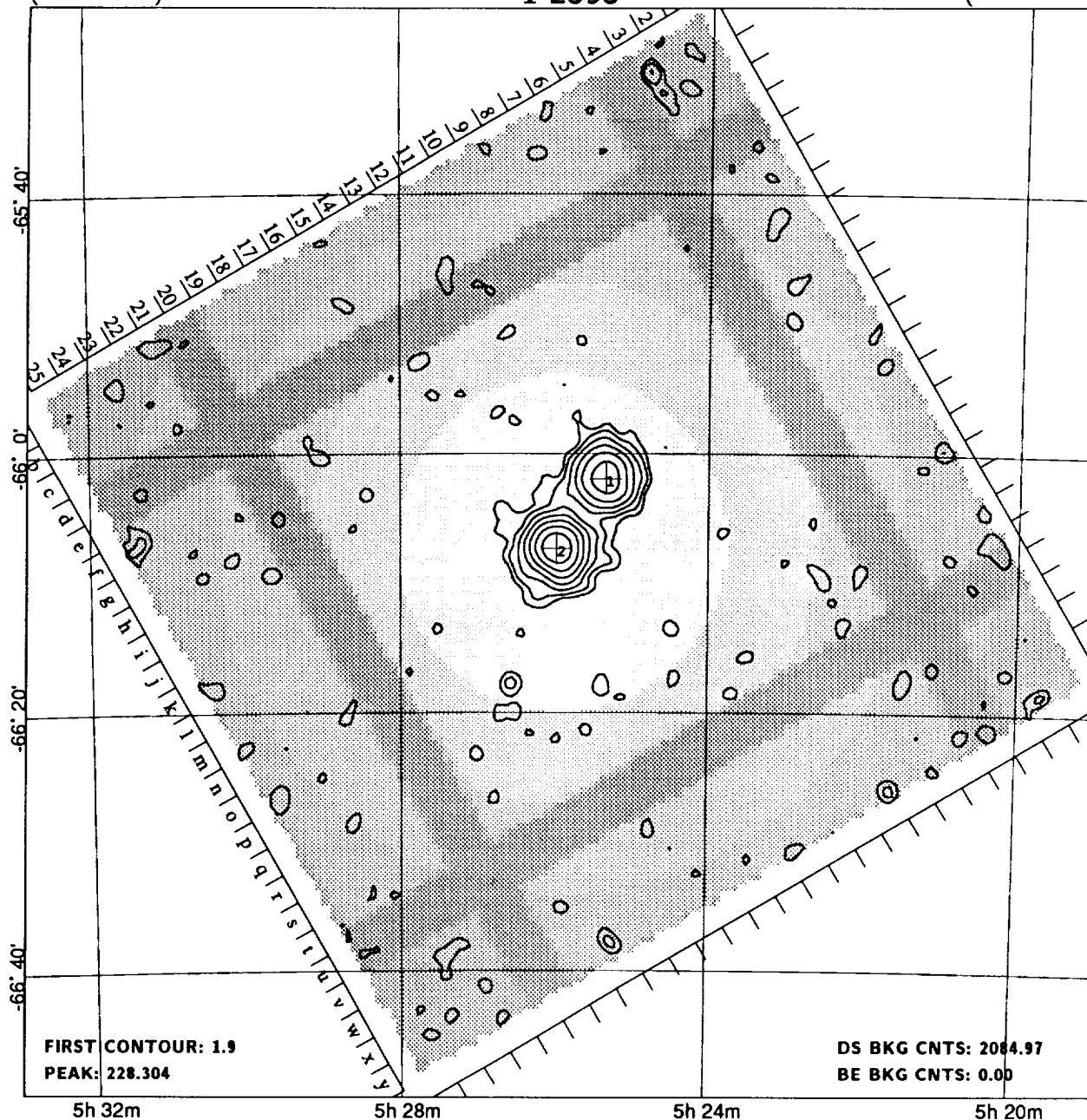
NH: $5.1E+20$
 REF/ID: !
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1277	1L	05 25 18.0	-66 01 55	37	0.224	0.019	316.1	182.9	11.7	5.0	0	7.3	A	SNR
1279	2L	05 25 55.5	-66 07 22	31	0.673	0.027	1007.9	215.1	24.9	2.2	0	0.4	A	SNR

(5h 25m)

I 2395

(5h 25m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 25^m 54.9^s$ $-66^\circ 07' 47''$ (B1950)
 $05^h 25^m 59.4^s$ $-66^\circ 05' 18''$ (J2000)
 $l: 276.10$ $b: -33.25$

DATE: 1979/102 - 1979/102
 LIVETIME: 1689.5s
 ROLL ANGLE: 59.9°

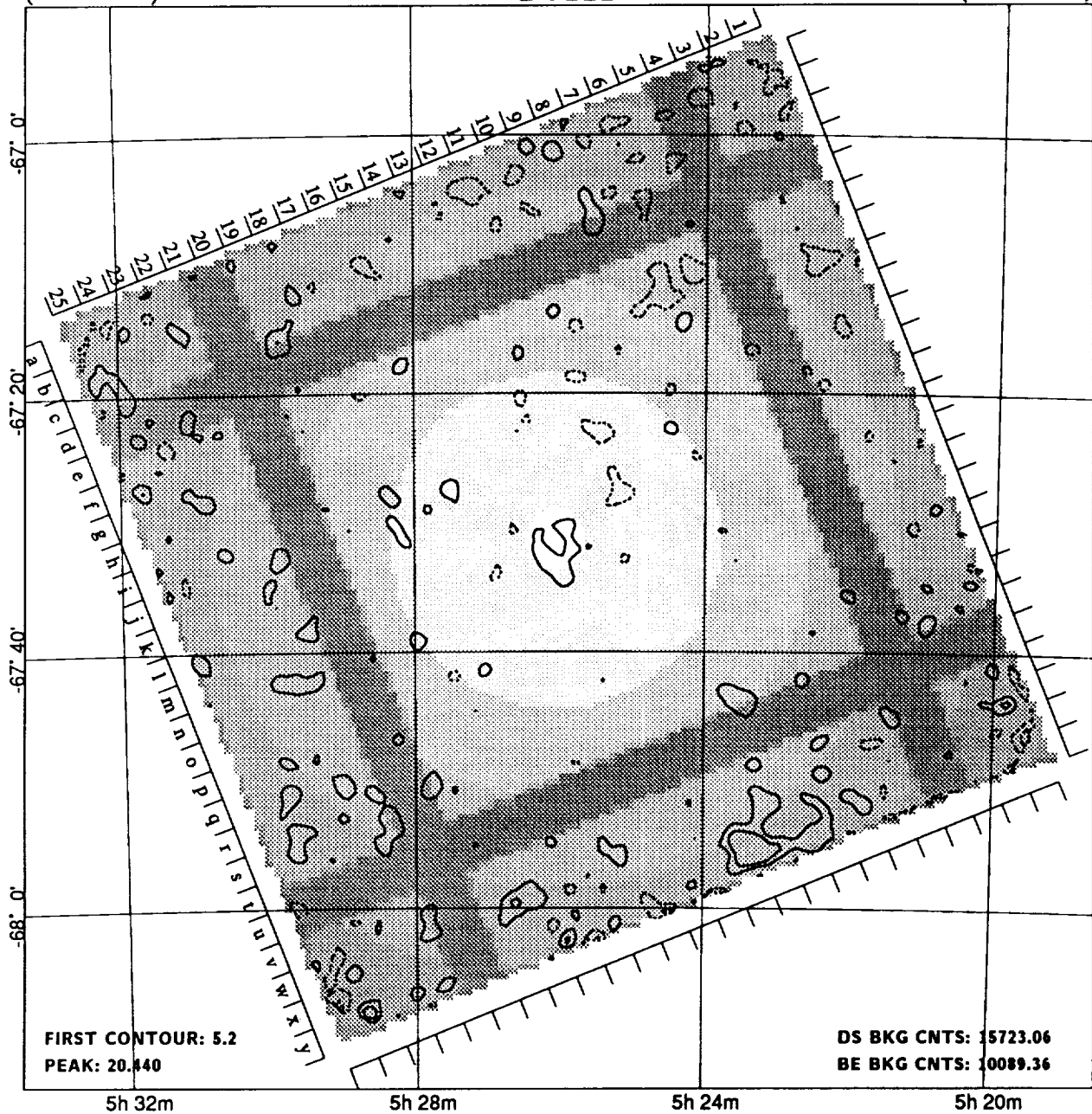
NH: $5.1E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1277	1L	05 25 19.7	-66 01 57	37	0.258	0.021	307.3	144.7	12.0	4.8	0	6.8	A	SNR
1279	2L	05 25 58.0	-66 07 20	31	0.705	0.030	888.0	165.0	23.8	2.3	0	0.6	A	SNR

(5h 26m)

I 7111

(5h 26m)



N51D

FIELD CENTER: $05^h 26^m 00.0^s$ $-67^\circ 31' 59''$ (B1950)
 $05^h 25^m 54.1^s$ $-67^\circ 29' 31''$ (J2000)
 $l: 277.76$ $b: -33.06$

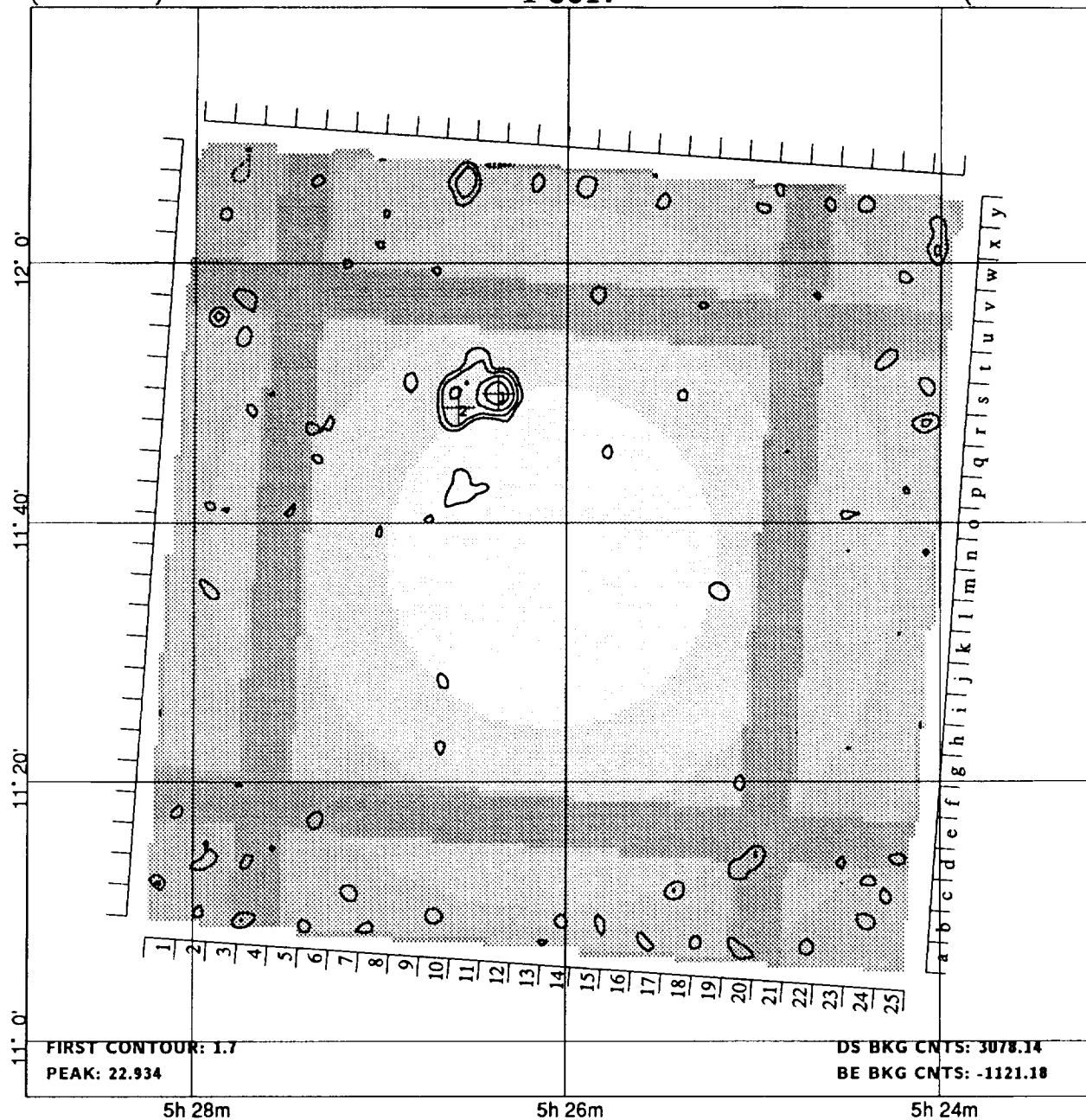
DATE: 1980/ 94 - 1980/ 94
LIVETIME: 13198.5s
ROLL ANGLE: 68.3°

NH: $6.1E+20$
REF/ID:
FIELD FLAGS: L

(5h 26m)

I 3817

(5h 26m)



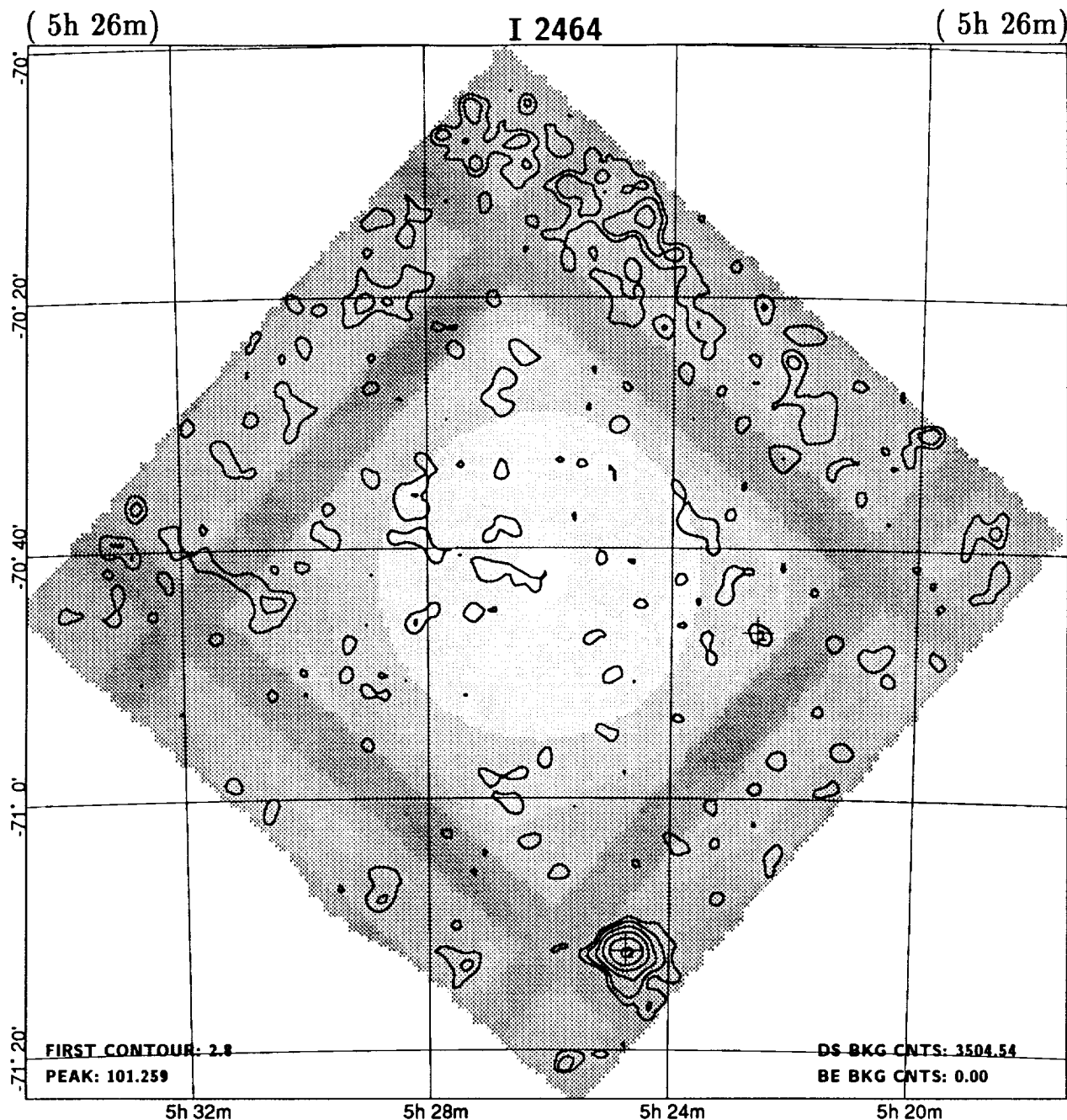
T TAURI STARS: GW/V649 ORI

FIELD CENTER: $05^h 26^m 02.0^s$ $11^\circ 37' 39''$ (B1950)
 $05^h 26^m 49.4^s$ $11^\circ 40' 01''$ (J2000)
 $l: 192.71$ $b: -12.43$

DATE: 1979/254 - 1979/254
 LIVETIME: 2494.3s
 ROLL ANGLE: -86.0°

NH: $2.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1281	1	05 26 22.2	11 49 56	38	0.0463	0.0057	71.3	4.7	8.2	1.7	0	13.3	H	S
1283	2	05 26 35.1	11 48 54	43	0.0159	0.0035	24.2	3.8	4.6	4.3	0	13.9		S



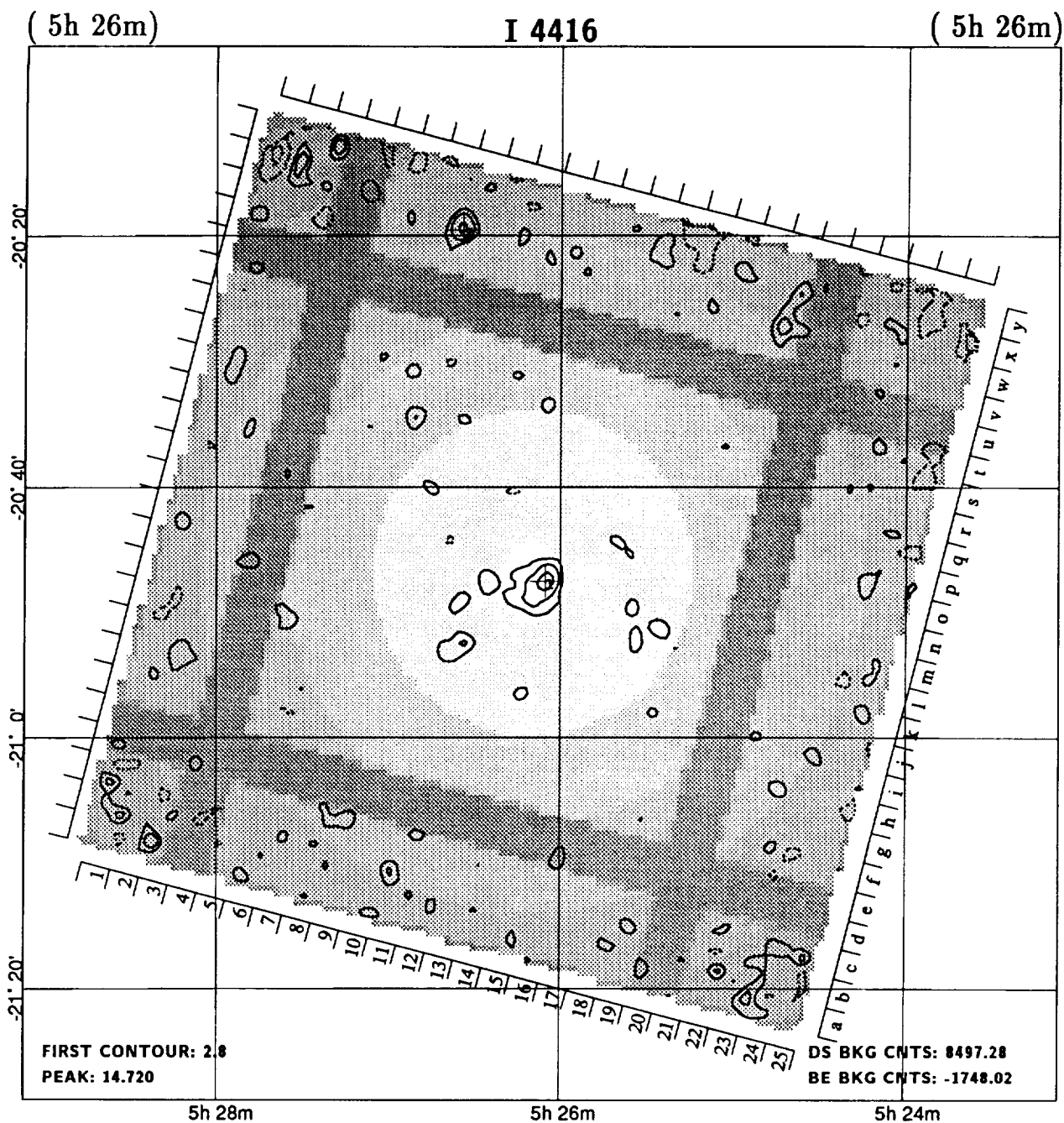
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 26^m 02.4^s$ $-70^\circ 41' 59''$ (B1950)
 $05^h 25^m 27.6^s$ $-70^\circ 39' 30''$ (J2000)
 $l: 281.48$ $b: -32.56$

DATE: 1979/102 - 1979/311
 LIVETIME: 2839.8s

NH: $8.8E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1271	1L	05 22 35.1	-70 46 42	71	0.0143	0.0036	22.0	2.0	3.8	0.4	100	17.7		
1276	2L	05 24 43.4	-71 12 14	47	0.170	0.017	157.9	29.1	9.6	1.5	500	30.7	A	S



FIELD CENTER: 05^h26^m07.0^s -20°46'59" (B1950)
05^h28^m15.6^s -20°44'36" (J2000)
 ℓ : 223.55 b : -27.19

DATE: 1979/240 - 1979/240
LIVETIME: 6885.6s
ROLL ANGLE: -75.5°

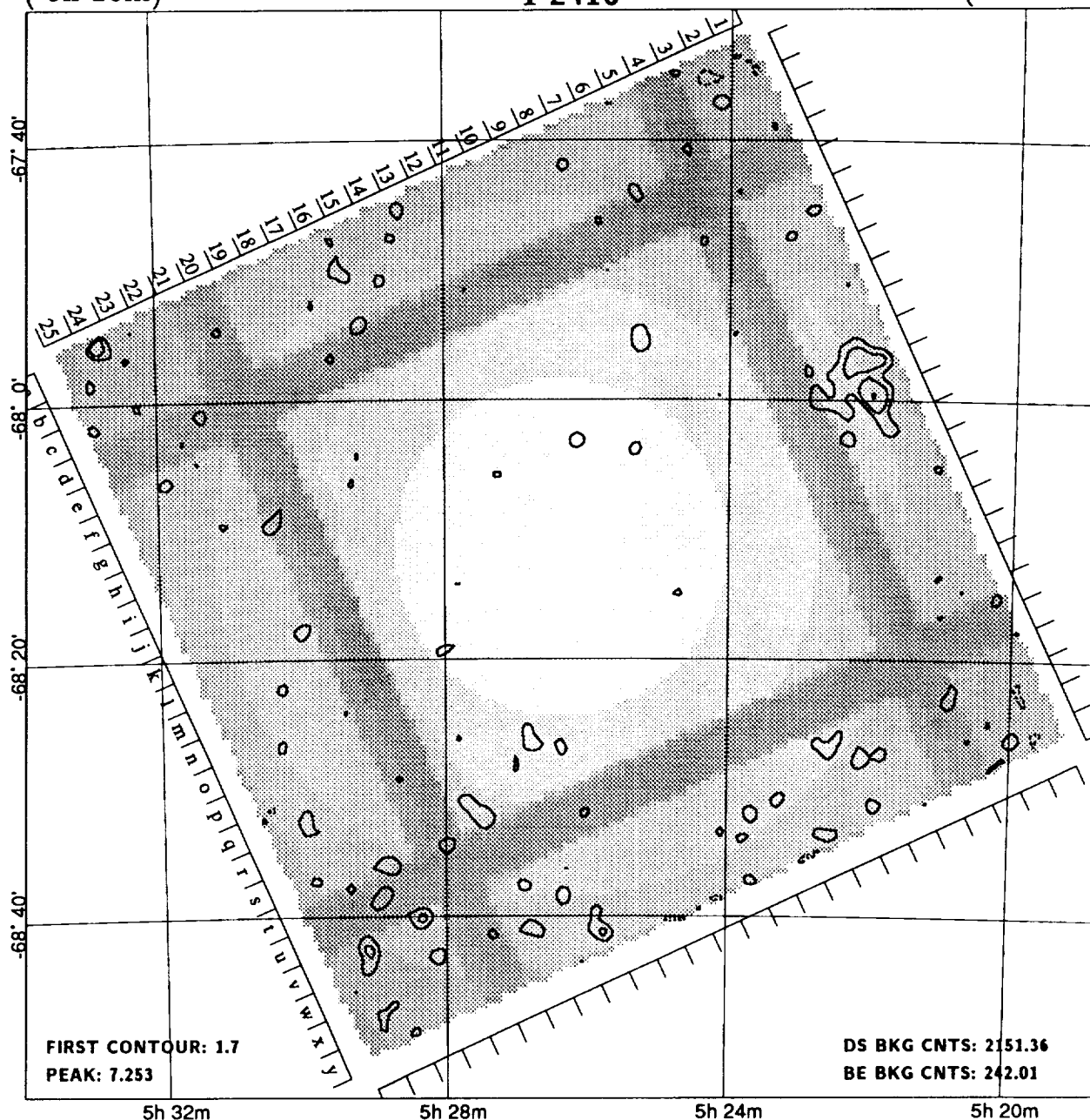
NH: 3.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1280	1	05 26 05.3	-20 47 31	35	0.0108	0.0017	55.0	17.0	6.5	1.4	0	0.4	H	S
1282	2	05 26 34.3	-20 19 34	53	0.0086	0.0022	22.7	10.3	3.9	0.8	0	28.1		

(5h 26m)

I 2416

(5h 26m)



FIELD CENTER: $05^h 26^m 19.2^s$ $-68^\circ 11' 59''$ (B1950)
 $05^h 26^m 07.8^s$ $-68^\circ 09' 32''$ (J2000)
 $l: 278.54$ $b: -32.93$

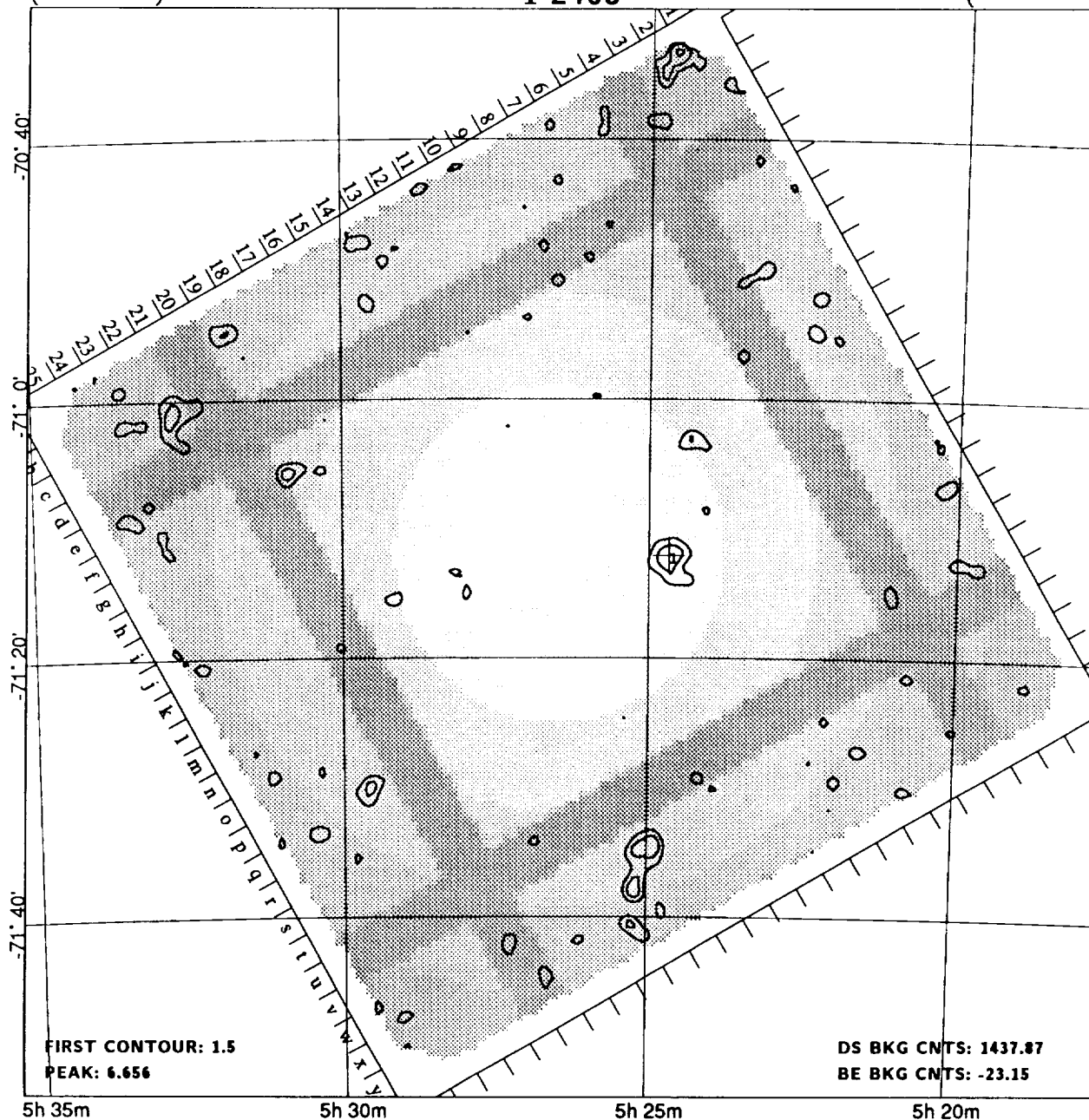
DATE: 1979/103 - 1979/103
 LIVETIME: 1743.3s
 ROLL ANGLE: 65.6°

NH: $7.3E+20$
 REF/ID:
 FIELD FLAGS:

(5h 26m)

I 2468

(5h 26m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 26^m 26.4^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 25^m 46.2^s$ $-71^\circ 09' 31''$ (J2000)
 $l: 282.06$ $b: -32.45$

DATE: 1979/102 - 1979/102

NH: $8.6E+20$

LIVETIME: 1165.2s

REF/ID:

ROLL ANGLE: 60.3°

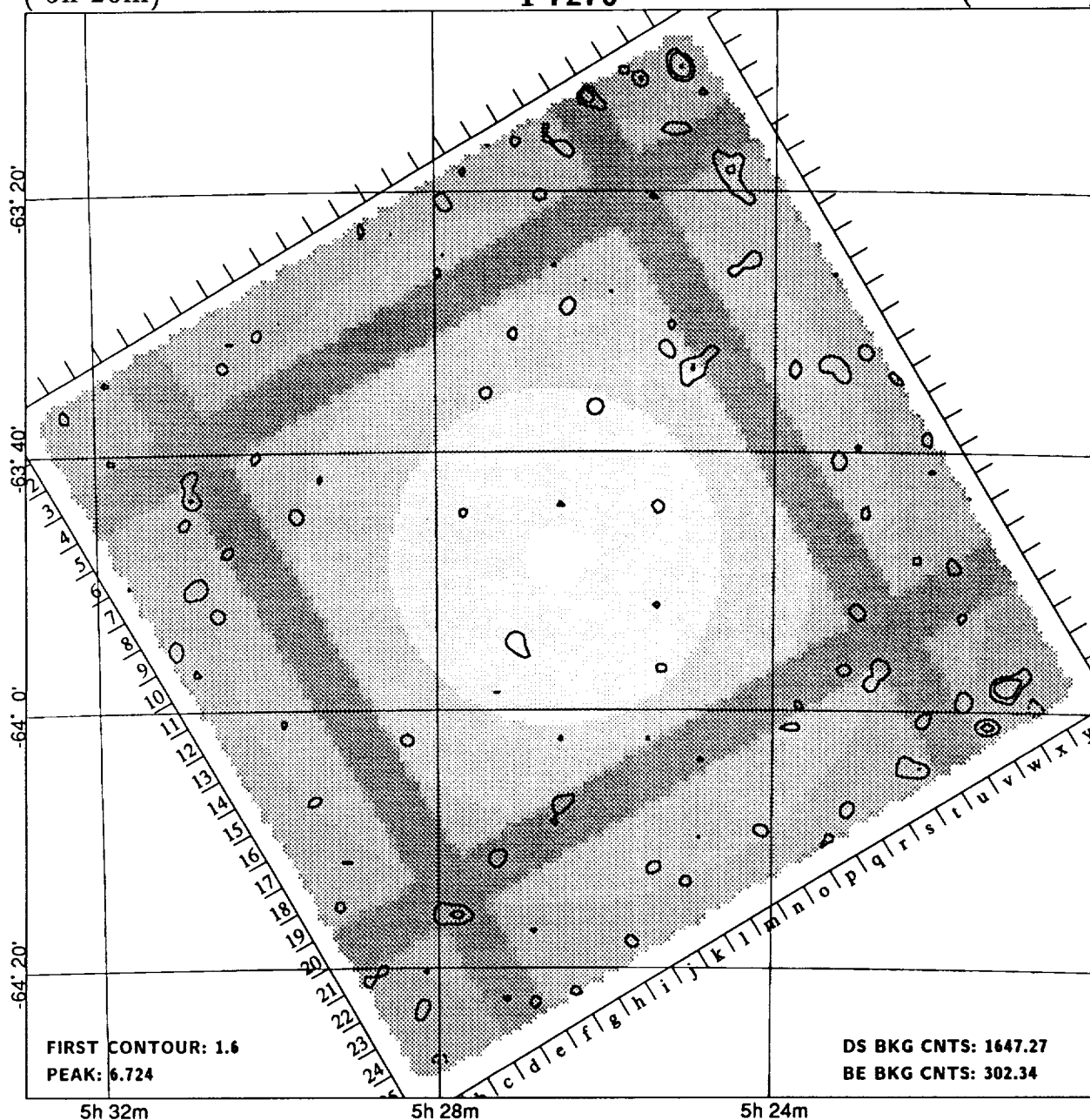
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1276	1	05 24 40.5	-71 12 08	46	0.0222	0.0058	17.6	3.4	3.8	1.1	0	8.1	AH	S

(5h 26m)

I 7276

(5h 26m)

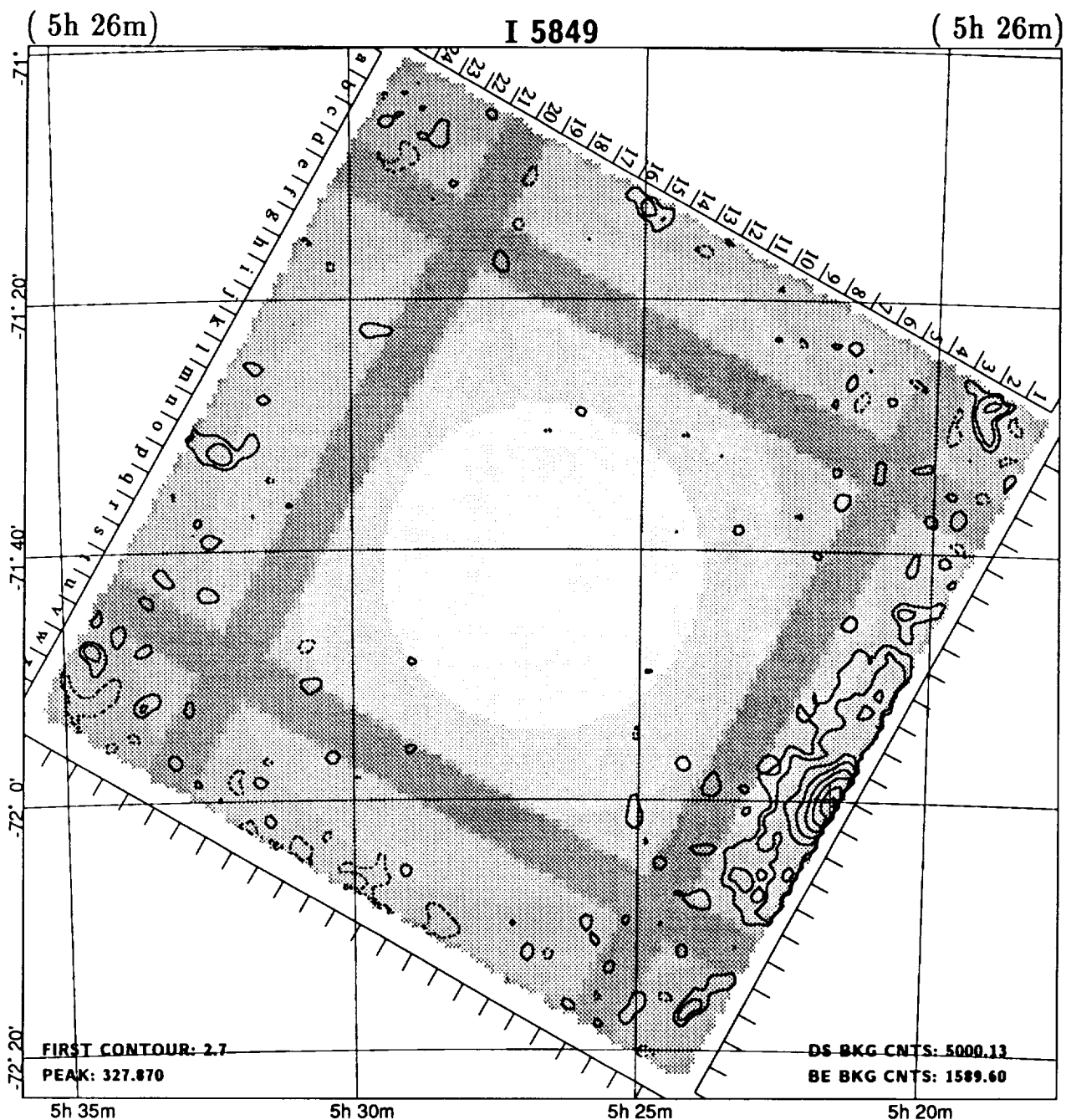


N1947, PECULIAR GALAXY

FIELD CENTER: $05^h 26^m 30.0^s$ $-63^\circ 47' 59''$ (B1950)
 $05^h 26^m 49.5^s$ $-63^\circ 45' 34''$ (J2000)
 $l: 273.32$ $b: -33.44$

DATE: 1980/197 - 1980/197
 LIVETIME: 1334.8s
 ROLL ANGLE: -30.6°

NH: $3.5E+20$
 REF/ID:
 FIELD FLAGS:



LMC SURVEY:

FIELD CENTER: $05^h 26^m 44.0^s$ $-71^\circ 41' 59''$ (B1950)
 $05^h 25^m 58.0^s$ $-71^\circ 39' 32''$ (J2000)
 $l: 282.64$ $b: -32.33$

DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 4051.7s
 ROLL ANGLE: 119.1°

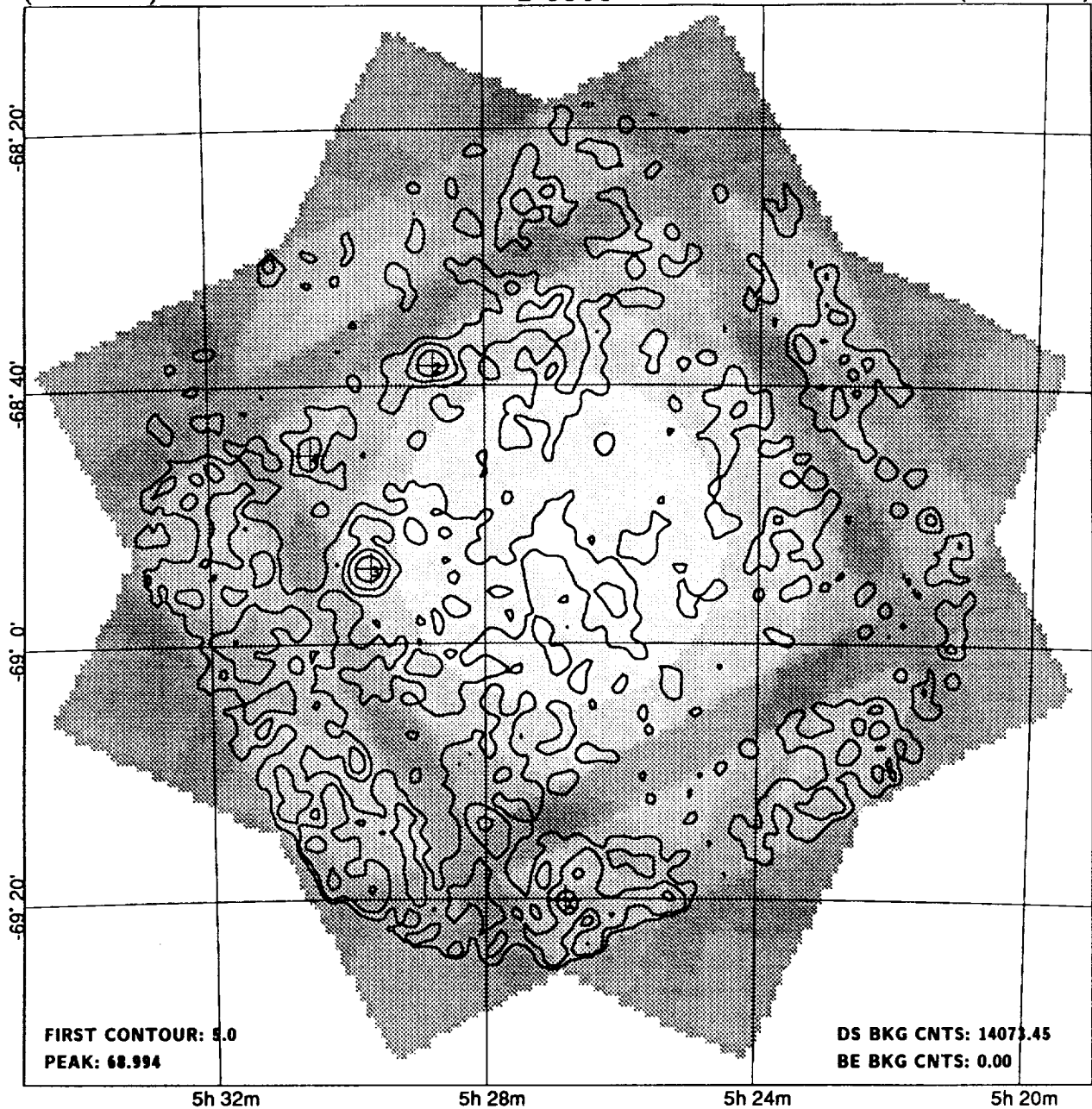
NH: $8.8E+20$
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1264	1	05 21 39.1	-71 59 46	47	*0.415	0.018	516.1	6.9	22.6	1.9	703	29.7	AEH	S

(5h 26m)

I 6303

(5h 26m)



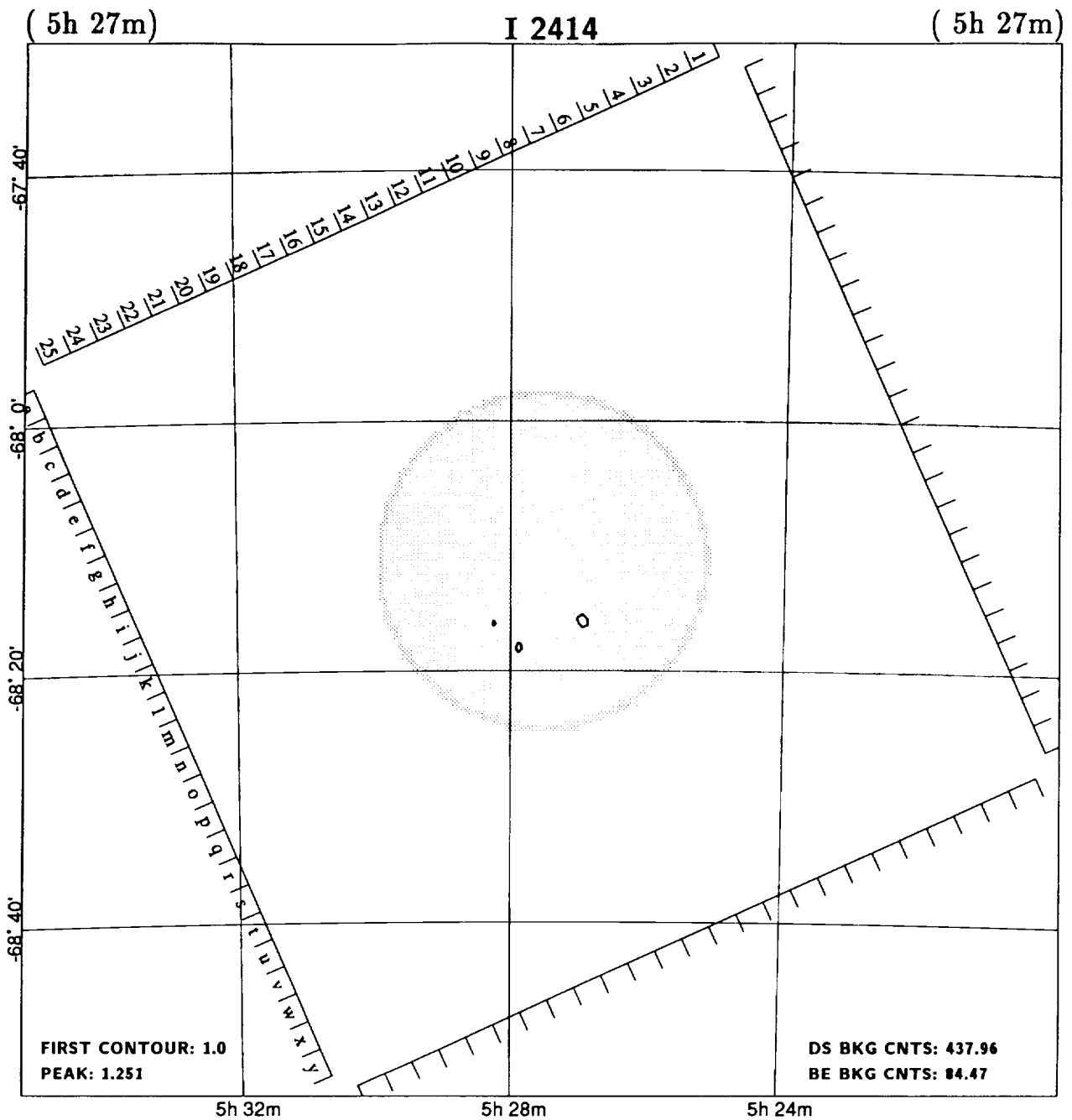
N144 A+B, SNRS IN LMC & SMC

FIELD CENTER: 05^h26^m55.0^s -68°52'29" (B1950)
05^h26^m37.7^s -68°50'04" (J2000)
 l : 279.33 b : -32.78

DATE: 1980/ 47 - 1980/100
LIVETIME: 11404.2s

NH: 8.0E+20
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1285	1L	05 26 49.1	-69 20 10	51	0.0097	0.0027	42.3	44.7	3.6	41.4	0	27.7		
1291	2L	05 28 44.6	-68 38 26	48	*0.0158	0.0025	101.1	51.9	6.0	3.0	601	17.2		
1296	3L	05 29 39.8	-68 54 04	47	0.0297	0.0028	200.3	63.7	10.4	18.2	100	15.1	A	S
1301	4L	05 30 31.7	-68 45 16	55	0.0093	0.0022	52.8	33.9	4.1	1.8	500	20.9		



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h27^m33.6^s -68°11'59" (B1950)
 05^h27^m22.1^s -68°09'37" (J2000)
 l : 278.52 b : -32.82

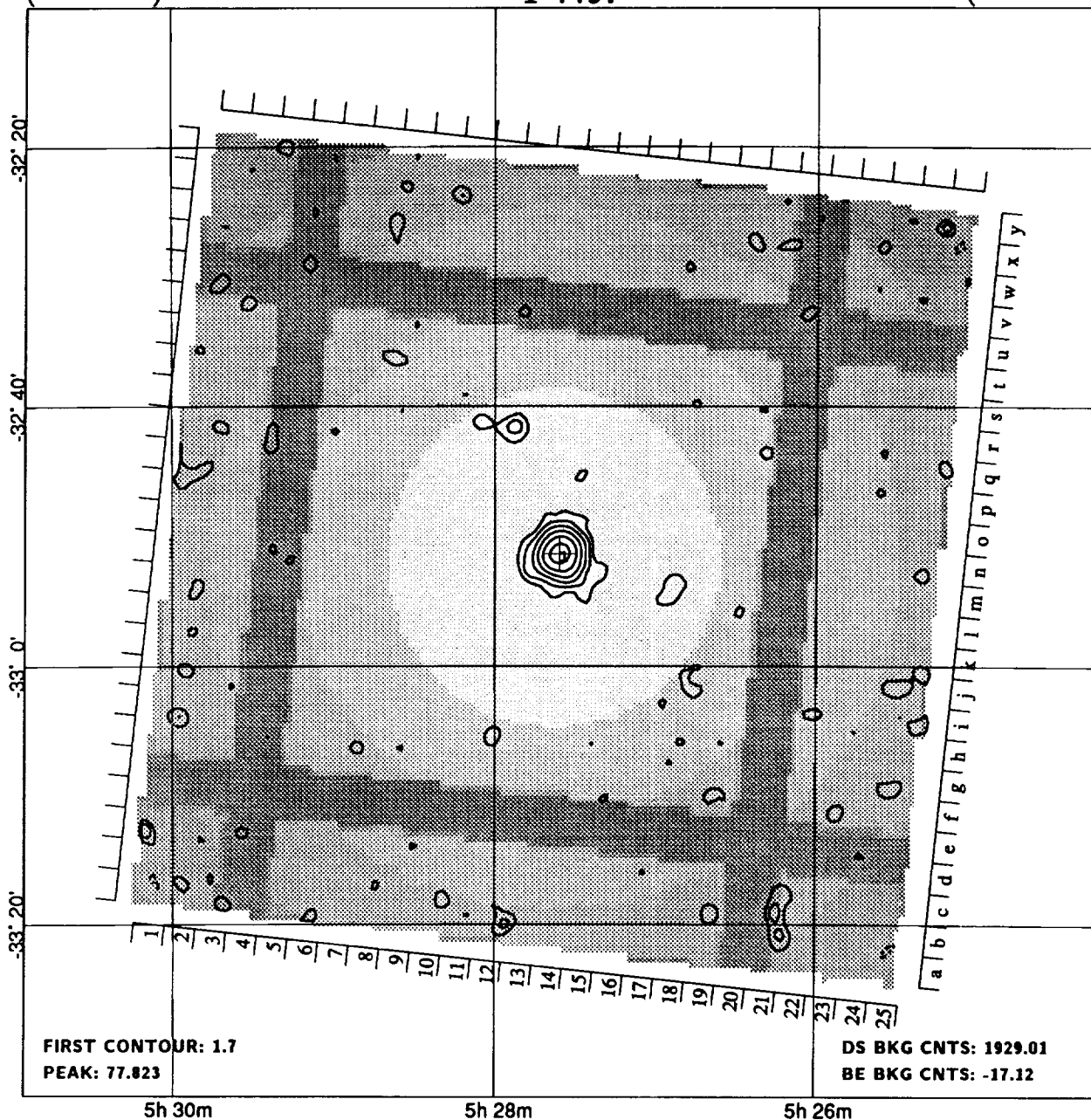
DATE: 1979/103 - 1979/103
 LIVETIME: 354.9s
 ROLL ANGLE: 65.9°

NH: 6.7E+20
 REF/ID:
 FIELD FLAGS:

(5h 27m)

I 4497

(5h 27m)



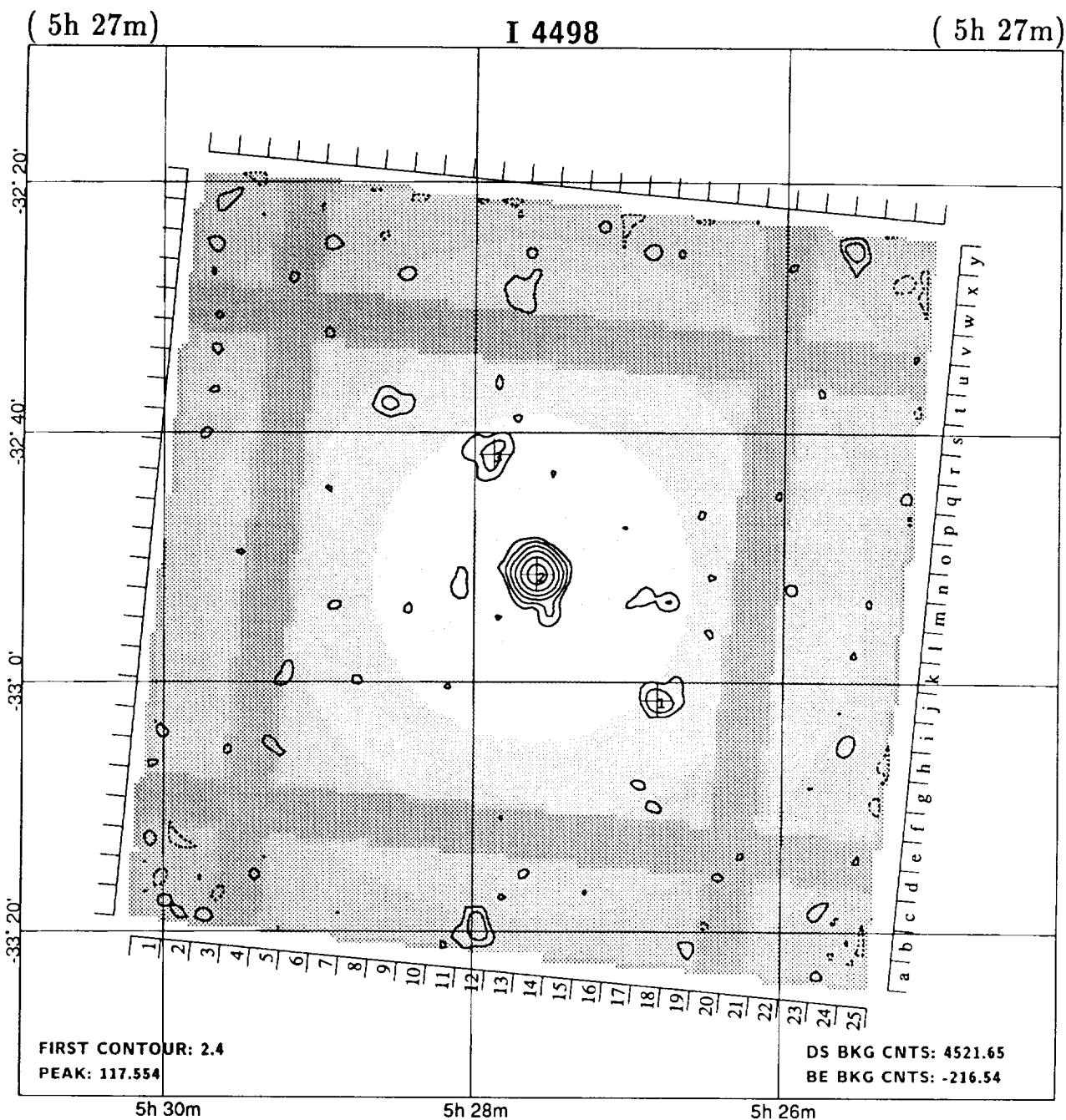
AM HER-LIKE OBJECT 2A 0526-328

FIELD CENTER: $05^h 27^m 34.5^s$ $-32^\circ 51' 21''$ (B1950)
 $05^h 29^m 25.5^s$ $-32^\circ 49' 04''$ (J2000)
 $l: 236.79$ $b: -30.60$

DATE: 1979/253 - 1979/253
 LIVETIME: 1563.1s
 ROLL ANGLE: -84.0°

NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1286	1	05 27 35.8	-32 51 21	31	0.271	0.015	315.6	4.4	17.6	1.2	0	0.4	AH	CV



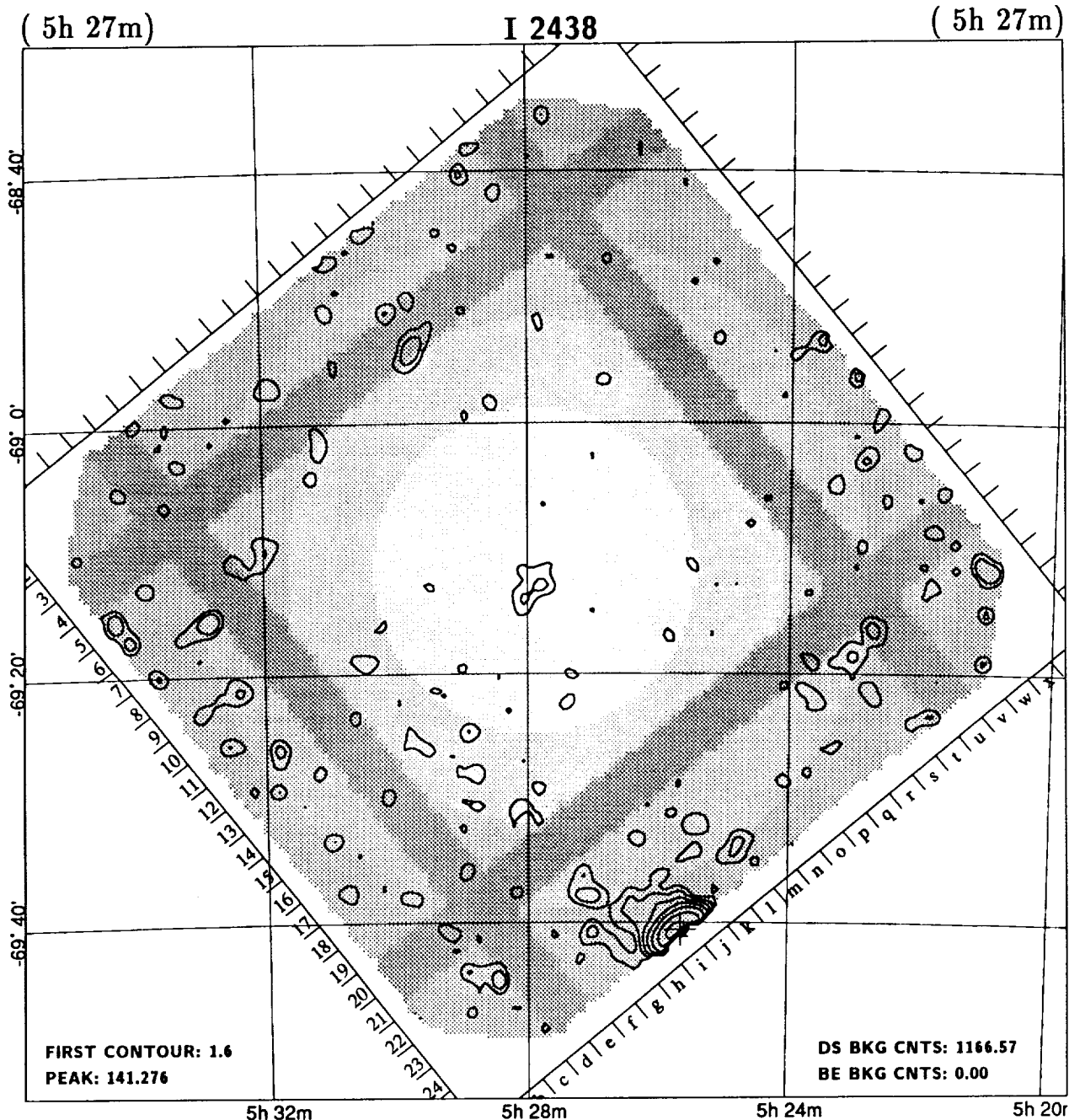
AM HER-LIKE OBJECT 2A 0526-328

FIELD CENTER: $05^h 27^m 34.5^s$ $-32^\circ 51' 21''$ (B1950)
 $05^h 29^m 25.5^s$ $-32^\circ 49' 04''$ (J2000)
 $l: 236.79$ $b: -30.60$

DATE: 1979/254 - 1979/254
 LIVETIME: 3664.0s
 ROLL ANGLE: -84.8°

NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1284	1	05 26 48.5	-33 01 26	42	0.0127	0.0027	28.3	7.7	4.7	1.0	0	14.0	H	
1286	2	05 27 35.7	-32 51 21	31	0.1692	0.0080	462.3	9.7	21.3	1.2	0	0.4	AH	CV
1287	3	05 27 52.6	-32 41 43	43	0.0108	0.0025	26.0	10.0	4.3	1.4	0	9.7	H	



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 27^m 43.2^s$ $-69^\circ 11' 59''$ (B1950)
 $05^h 27^m 22.9^s$ $-69^\circ 09' 37''$ (J2000)
 $l: 279.70$ $b: -32.66$

DATE: 1979/205 - 1979/205
 LIVETIME: 945.3s
 ROLL ANGLE: -38.9°

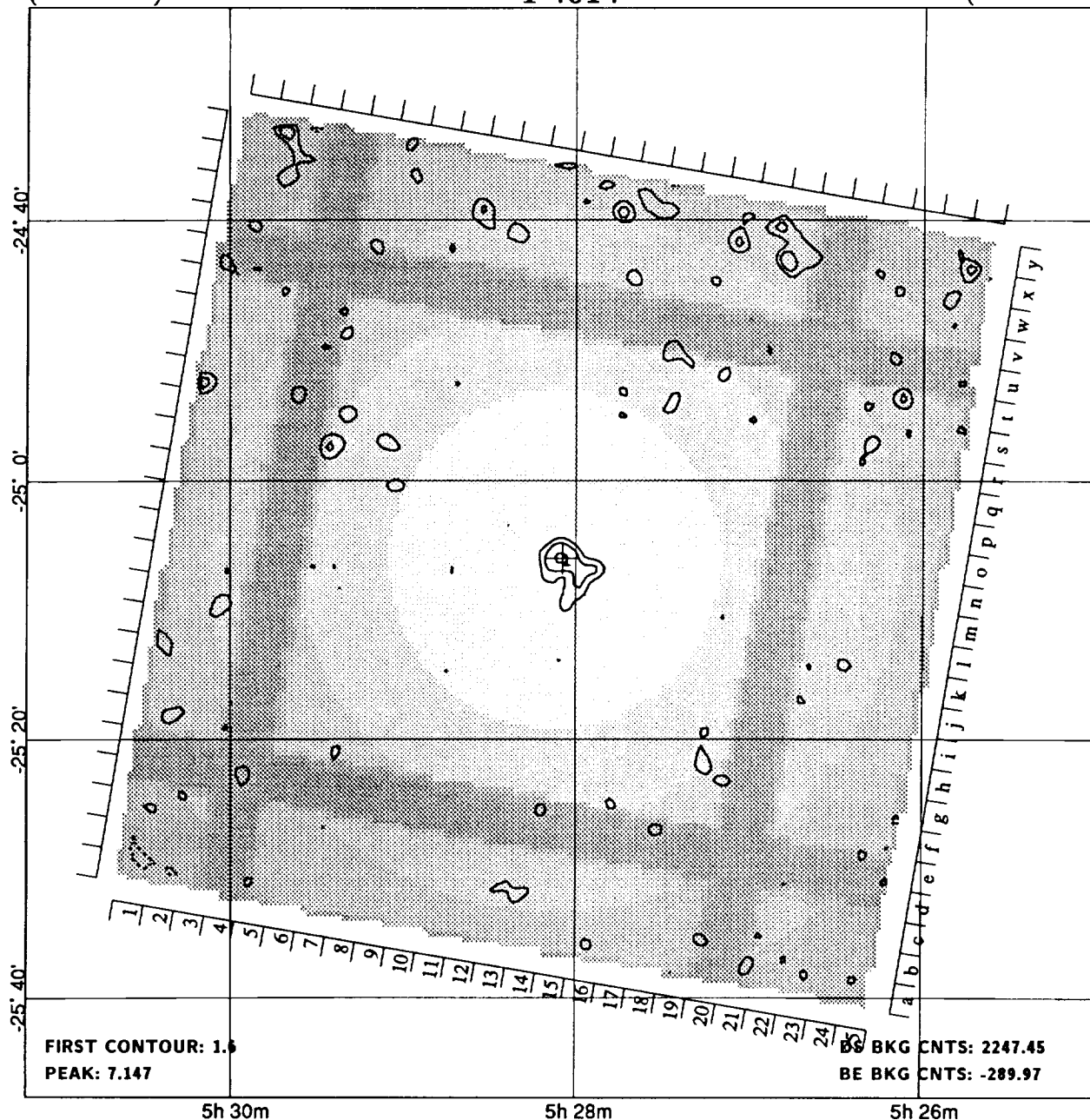
NH: $0.2E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 39.1	-69 40 35	47	*1.45	0.10	445.3	51.2	14.0	1.5	805	30.6	AEI	SNR

(5h 28m)

I 4014

(5h 28m)



QUASAR 0528-250

FIELD CENTER: 05^h28^m05.0^s -25°05'42" (B1950)
05^h30^m07.7^s -25°03'27" (J2000)
 l : 228.30 b : -28.24

DATE: 1979/239 - 1979/239
LIVETIME: 1821.2s
ROLL ANGLE: -80.4°

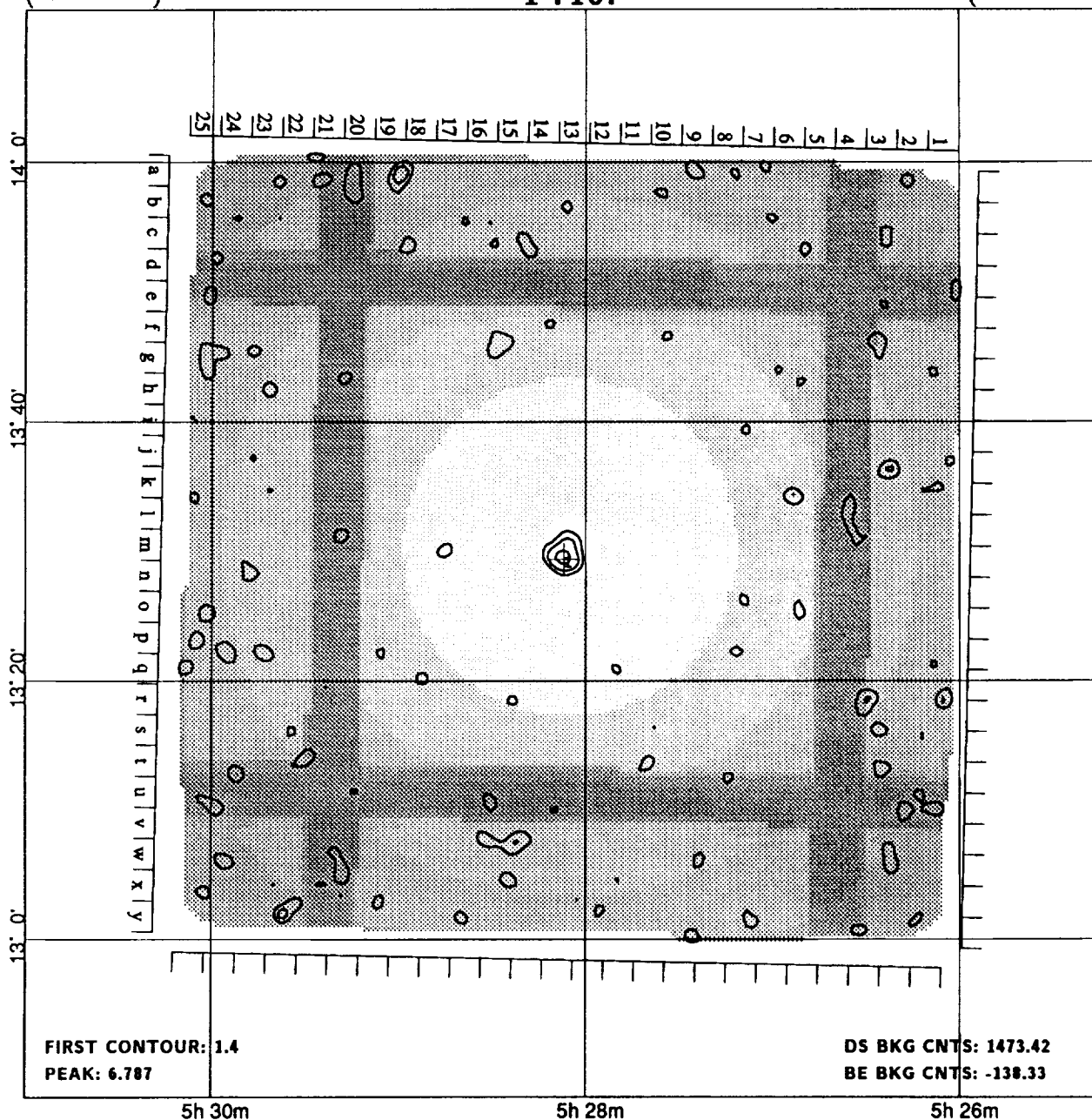
NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1288	1	05 28 04.6	-25 06 01	36	0.0230	0.0044	31.3	4.7	5.2	1.4	0	0.2		Q

(5h 28m)

I 7167

(5h 28m)



0528+13, BURSTING RADIO SOURCE

FIELD CENTER: $05^h 28^m 06.7^s$ $13^\circ 29' 46''$ (B1950)
 $05^h 30^m 56.3^s$ $13^\circ 31' 59''$ (J2000)
 $l: 191.37$ $b: -11.01$

DATE: 1980/ 84 - 1980/ 84
 LIVETIME: 1236.8s
 ROLL ANGLE: 91.2°

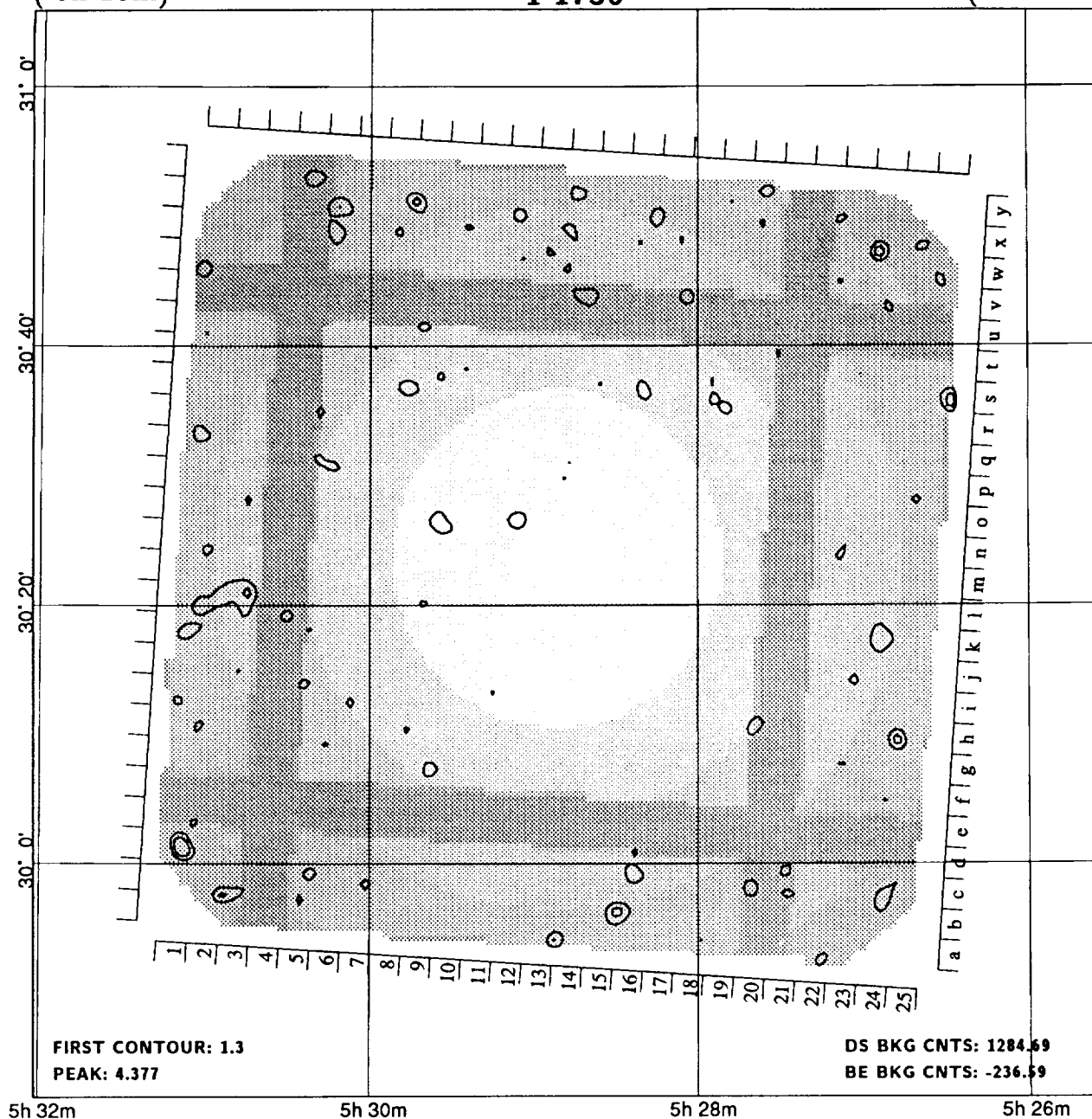
NH: $2.5E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1289	1	05 28 07.1	13 29 26	36	0.0259	0.0056	23.8	3.2	4.6	0.9	0	0.2	H	Q

(5h 28m)

I 1756

(5h 28m)

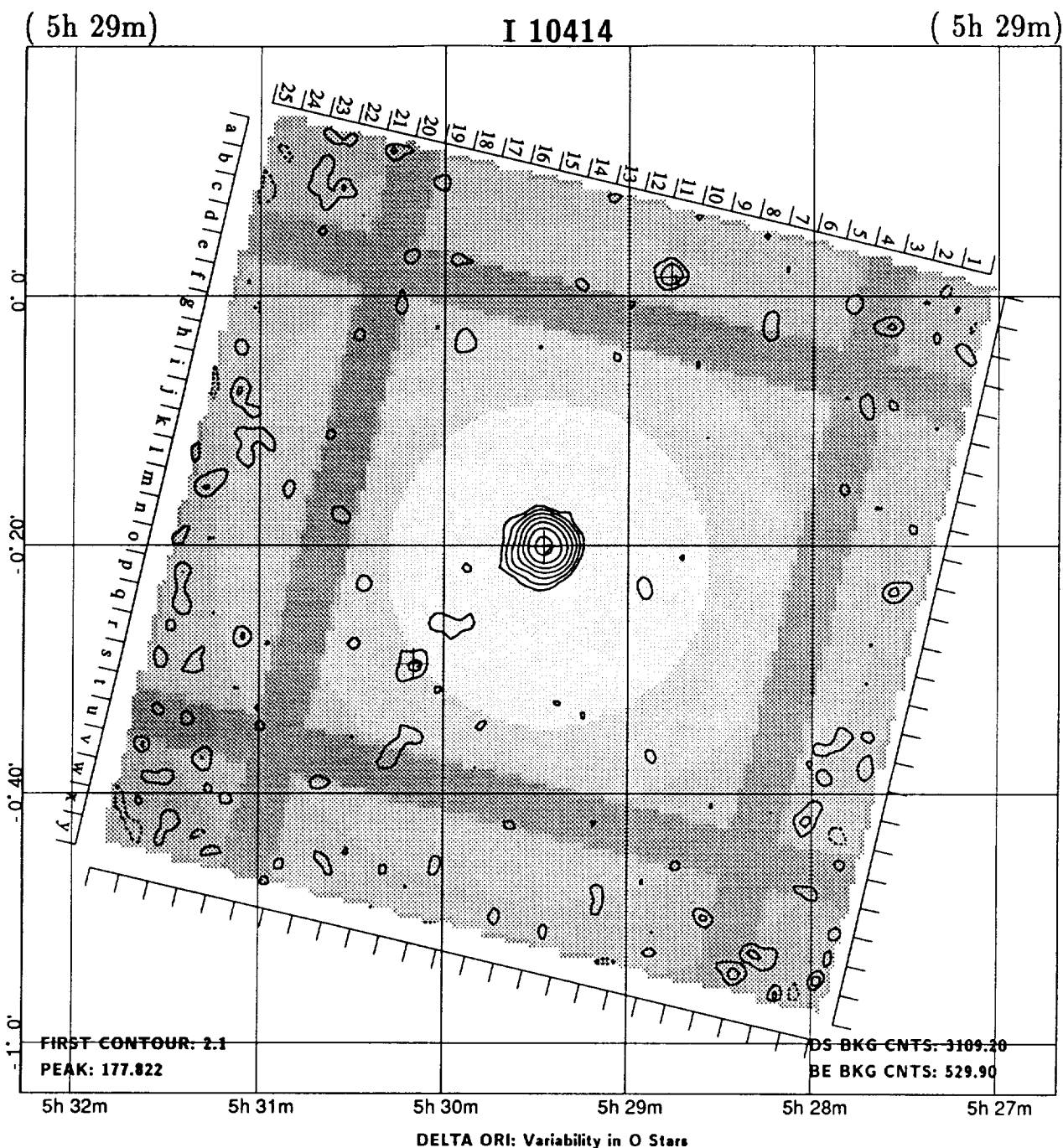


T AUR, OPTICAL NOVA

FIELD CENTER: $05^h 28^m 48.0^s$ $30^\circ 23' 59''$ (B1950)
 $05^h 32^m 00.6^s$ $30^\circ 26' 08''$ (J2000)
 $l: 177.15$ $b: -1.70$

DATE: 1979/264 - 1979/264
LIVETIME: 1041.0s
ROLL ANGLE: -86.3°

NH: $5.0E+21$
REF/ID:
FIELD FLAGS:

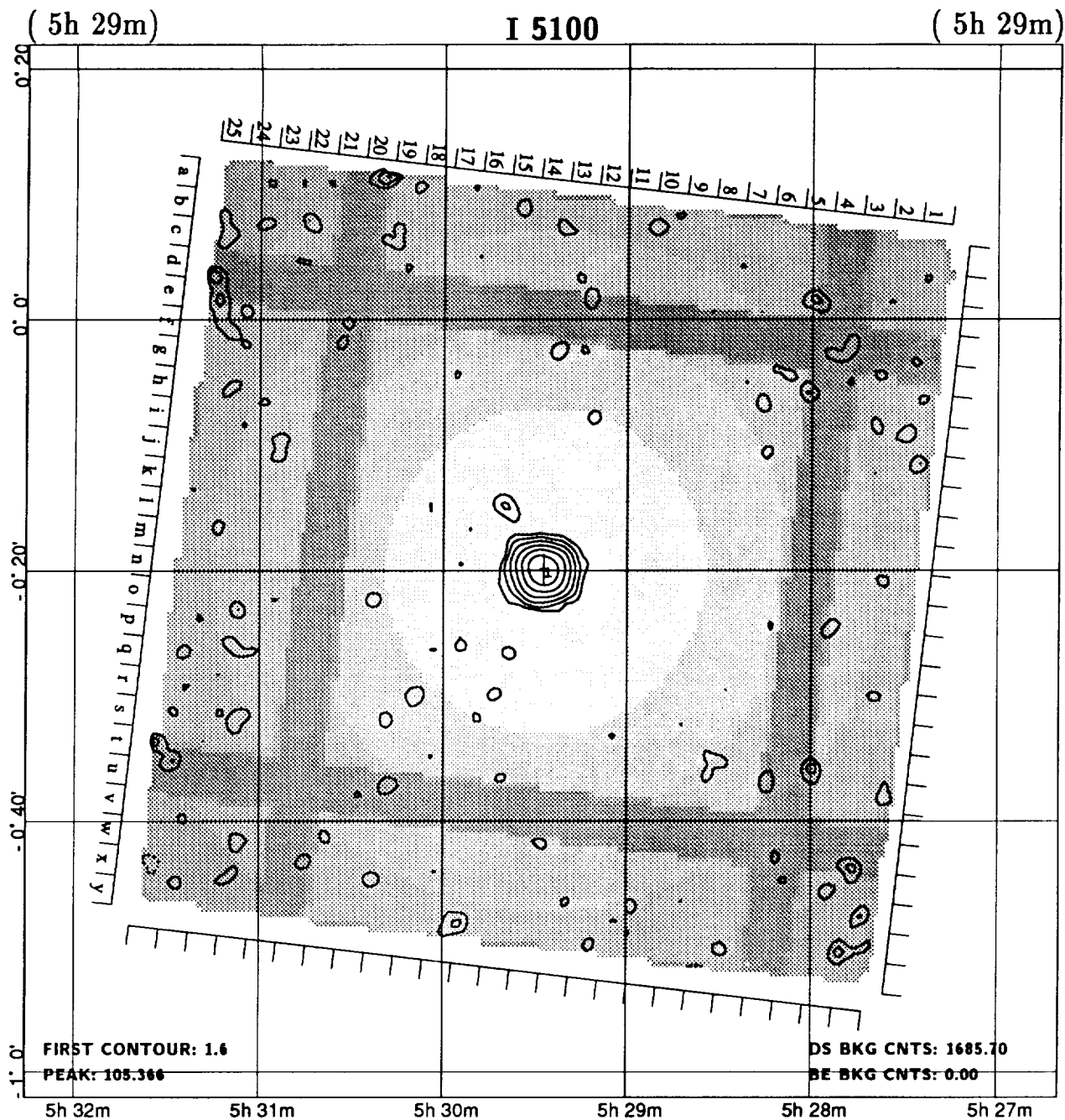


FIELD CENTER: 05^h29^m28.0^s -00°21'59" (B1950)
05^h32^m01.3^s -00°19'52" (J2000)
l: 203.89 b: -17.75

DATE: 1981/ 47 - 1981/ 47
LIVETIME: 2519.5s
ROLL ANGLE: 103.2°

NH: 1.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1292	1	05 28 46.2	00 01 29	55	0.0157	0.0044	17.0	6.0	3.5	0.7	0	25.7		
1293	2	05 29 27.6	-00 20 04	31	0.434	0.015	809.6	10.4	28.3	1.3	0	2.0	AH	S
1299	3	05 30 09.9	-00 29 26	45	0.0125	0.0034	19.3	8.7	3.6	0.7	0	13.2	H	



DELTA ORI A, VARIABILITY IN OB STARS

FIELD CENTER: 05^h29^m28.0^s -00°20'03" (B1950)
 05^h32^m01.3^s -00°17'56" (J2000)
 l : 203.86 b : -17.74

DATE: 1980/ 63 - 1980/ 63
LIVETIME: 1366.0s
ROLL ANGLE: 96.5°

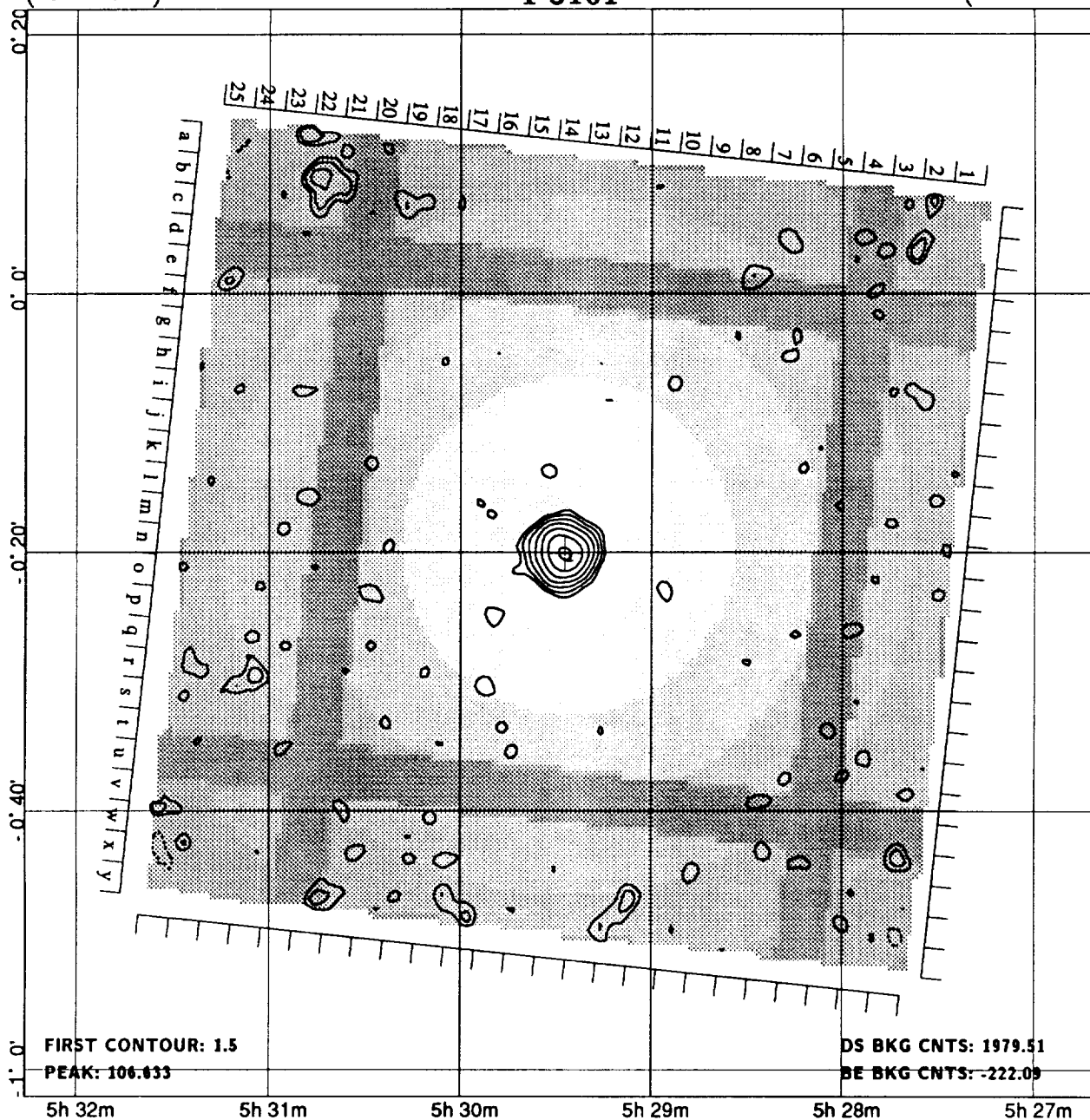
NH: 1.0E+21
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1293	1L	05 29 27.2	-00 19 56	31	0.368	0.025	374.9	94.1	14.8	1.4	0	0.2	A	S

(5h 29m)

I 5101

(5h 29m)



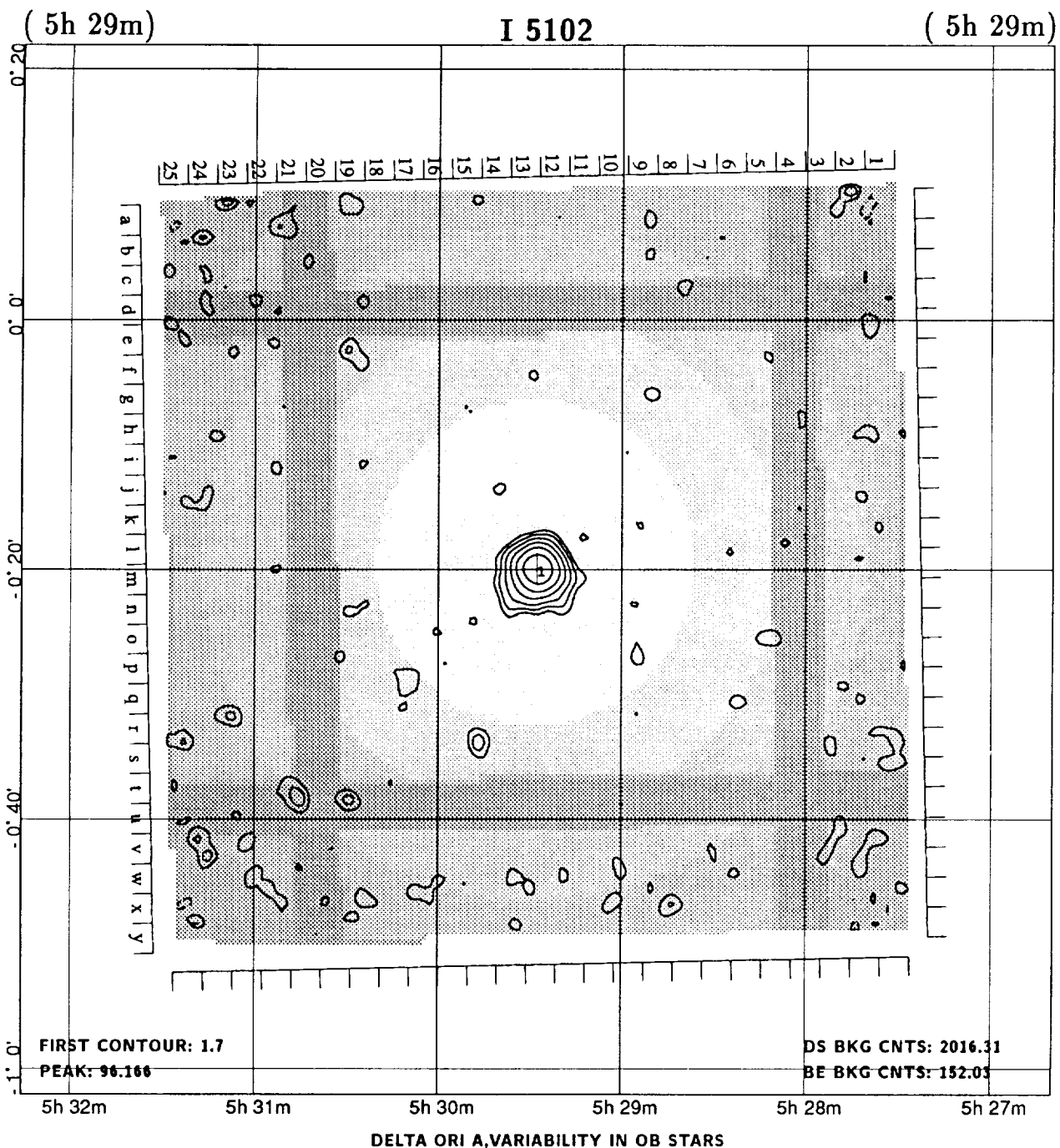
DELTA ORI A, VARIABILITY IN OB STARS

FIELD CENTER: $05^h 29^m 28.0^s -00^\circ 20' 03''$ (B1950)
 $05^h 32^m 01.3^s -00^\circ 17' 56''$ (J2000)
 $l: 203.86 \quad b: -17.74$

DATE: 1980/ 65 - 1980/ 65
 LIVETIME: 1604.1s
 ROLL ANGLE: 96.0°

NH: $1.0E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1293	1	05 29 27.3	-00 20 04	31	0.422	0.019	504.0	4.0	22.4	1.4	0	0.2	AH	S



FIELD CENTER: 05^h29^m28.0^s -00°20'03" (B1950)
05^h32^m01.3^s -00°17'56" (J2000)
 ℓ : 203.86 b : -17.74

DATE: 1980/ 83 - 1980/ 83
LIVETIME: 1692.5s
ROLL ANGLE: 88.8°

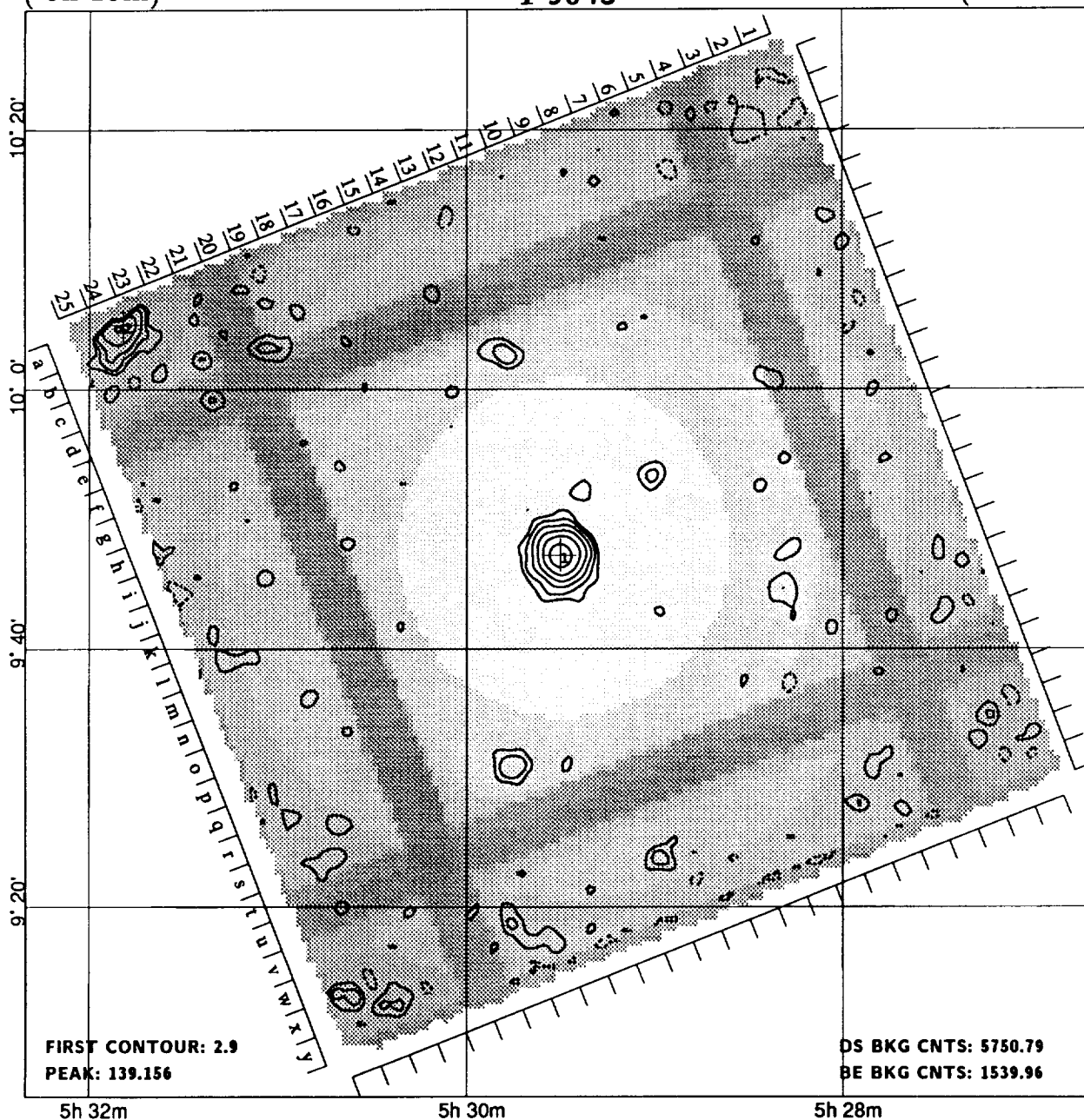
NH: 1.0E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1293	1	05 29 27.8	-00 19 55	31	0.356	0.017	448.7	5.3	21.1	1.5	0	0.2	AH	S

(5h 29m)

I 9045

(5h 29m)



SPECTROSCOPIC BINARIES WITHIN 25 Pc: WOOLLEY# 206

FIELD CENTER: 05^h29^m30.0^s 09°47'17" (B1950)
05^h32^m15.2^s 09°49'25" (J2000)
ℓ: 194.78 b: -12.66

DATE: 1981/ 93 - 1981/ 93

NH: 2.1E+21

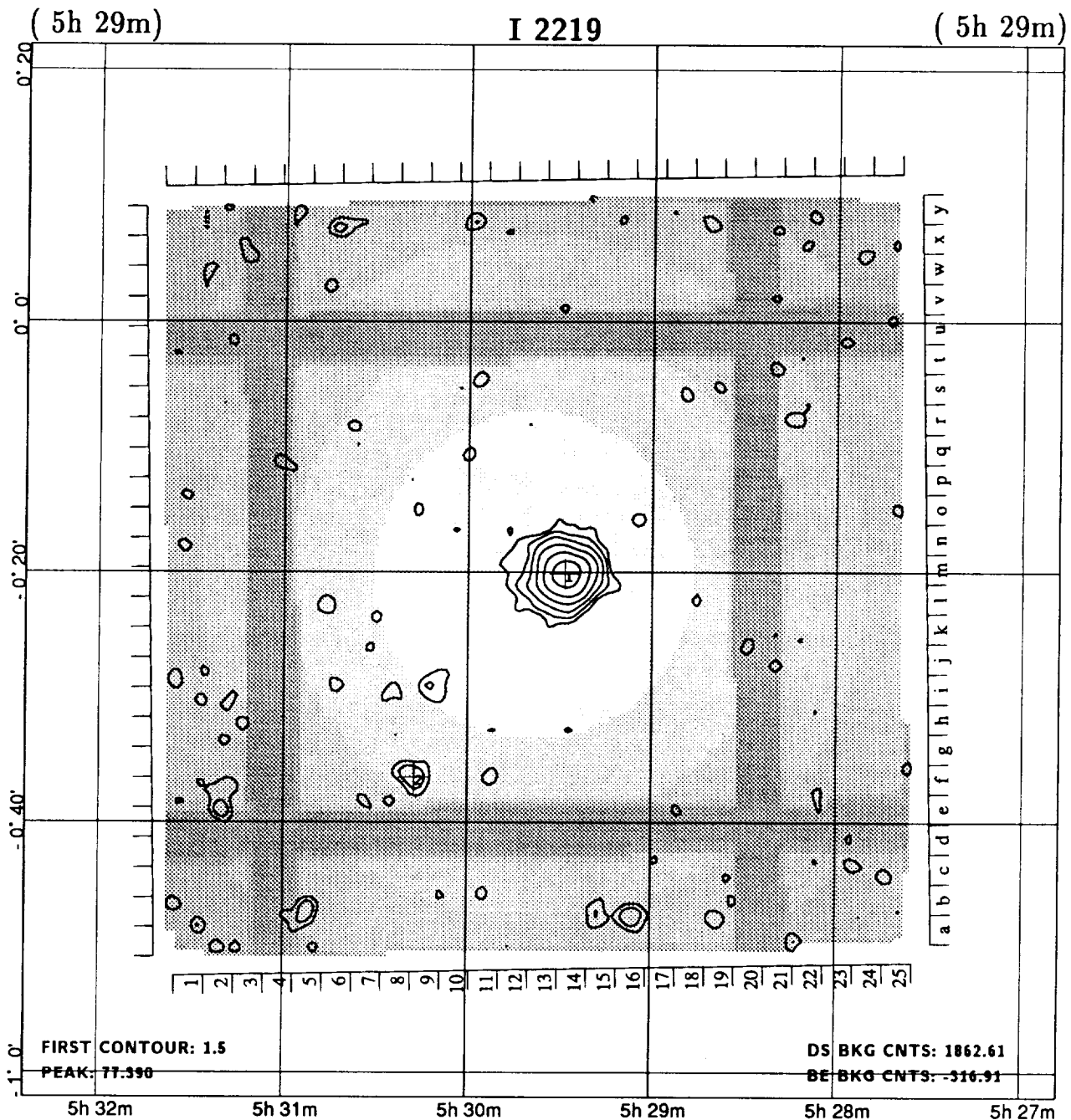
LIVETIME: 4660.0s

REF/ID:

ROLL ANGLE: 68.7°

FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1294	1L	05 29 30.1	09 47 14	31	0.1524	0.0083	529.3	101.7	18.2	1.3	0	0.2		
1315	2L	05 31 49.3	10 05 00	50	*0.059	0.012	60.2	24.1	4.9	1.7	501	38.6	AEI	S



STELLAR SURVEY-EARLY TYPE STARS: HD36486=DELTA ORI

FIELD CENTER: 05^h29^m36.0^s -00°19'59" (B1950)
05^h32^m09.4^s -00°17'52" (J2000)
 l : 203.87 b : -17.71

DATE: 1979/268 - 1979/268
LIVETIME: 1509.3s
ROLL ANGLE: -91.0°

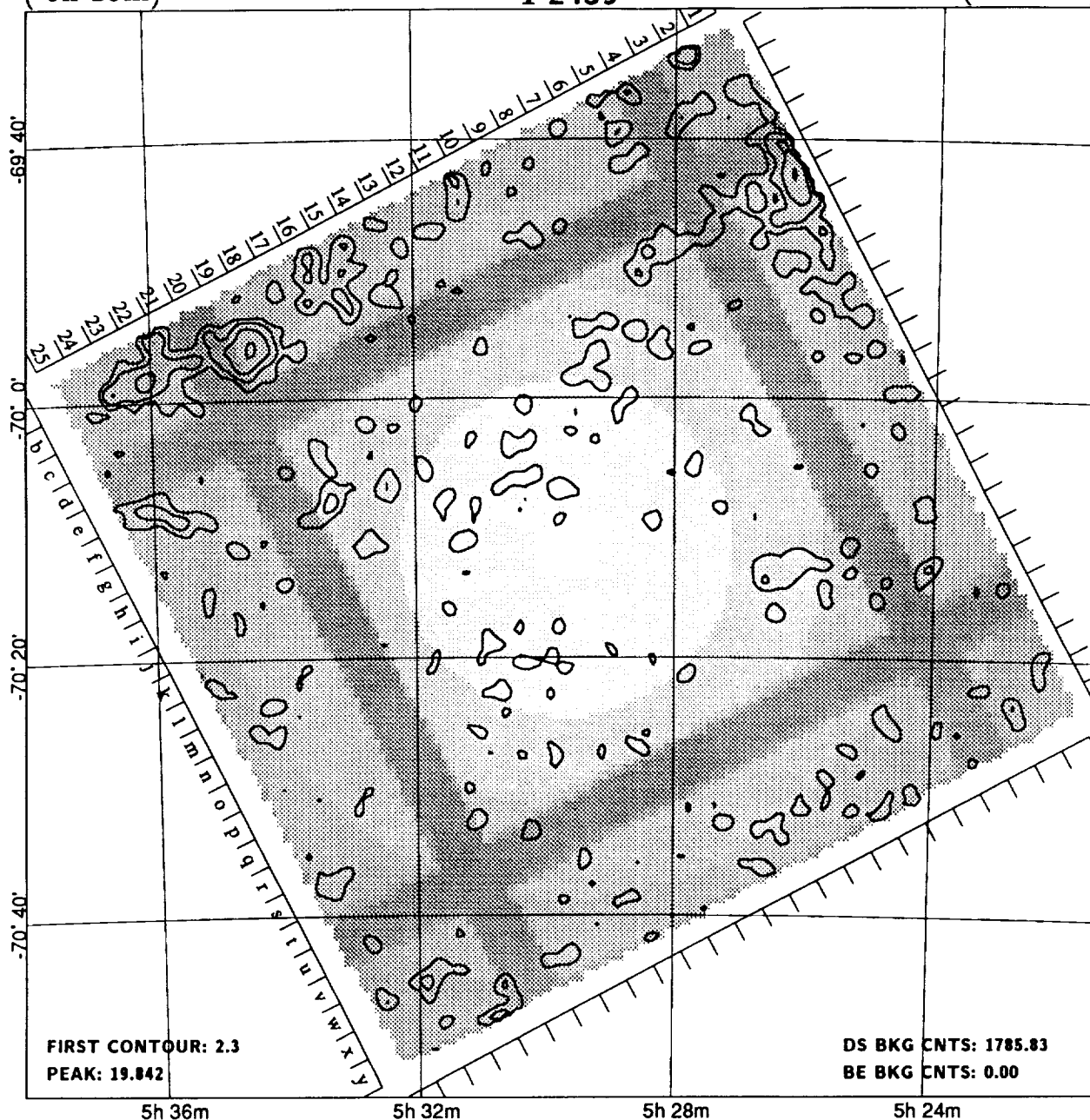
NH: 1.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1293	1	05 29 28.5	-00 20 08	31	0.324	0.017	359.3	3.7	18.9	1.9	0	1.7	AH	S
1300	2	05 30 17.4	-00 36 24	55	0.0192	0.0053	15.4	2.6	3.6	0.8	0	19.3	H	

(5h 29m)

I 2459

(5h 29m)

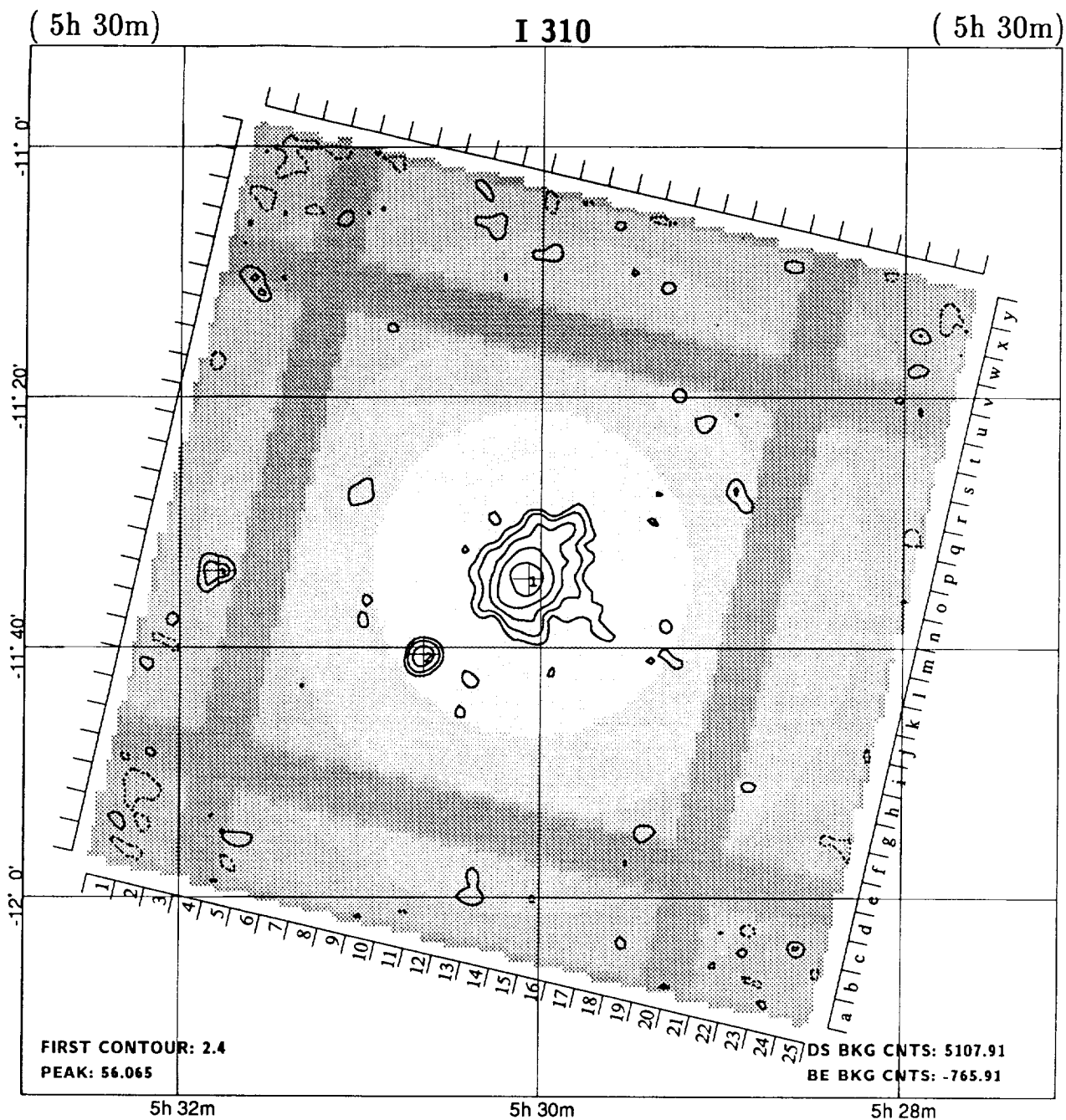


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 29^m 43.2^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 29^m 13.1^s$ $-70^\circ 09' 46''$ (J2000)
 $l: 280.84$ $b: -32.34$

DATE: 1979/100 - 1979/100
 LIVETIME: 1447.1s
 ROLL ANGLE: 62.6°

NH: $8.5E+20$
 REF/ID: !
 FIELD FLAGS: LS



A 545 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $05^h 30^m 00.0^s$ $-11^\circ 33' 59''$ (B1950)
 $05^h 32^m 20.2^s$ $-11^\circ 31' 54''$ (J2000)
 $l: 214.59$ $b: -22.72$

DATE: 1979/241 - 1979/241
 LIVETIME: 4139.1s
 ROLL ANGLE: -77.2°

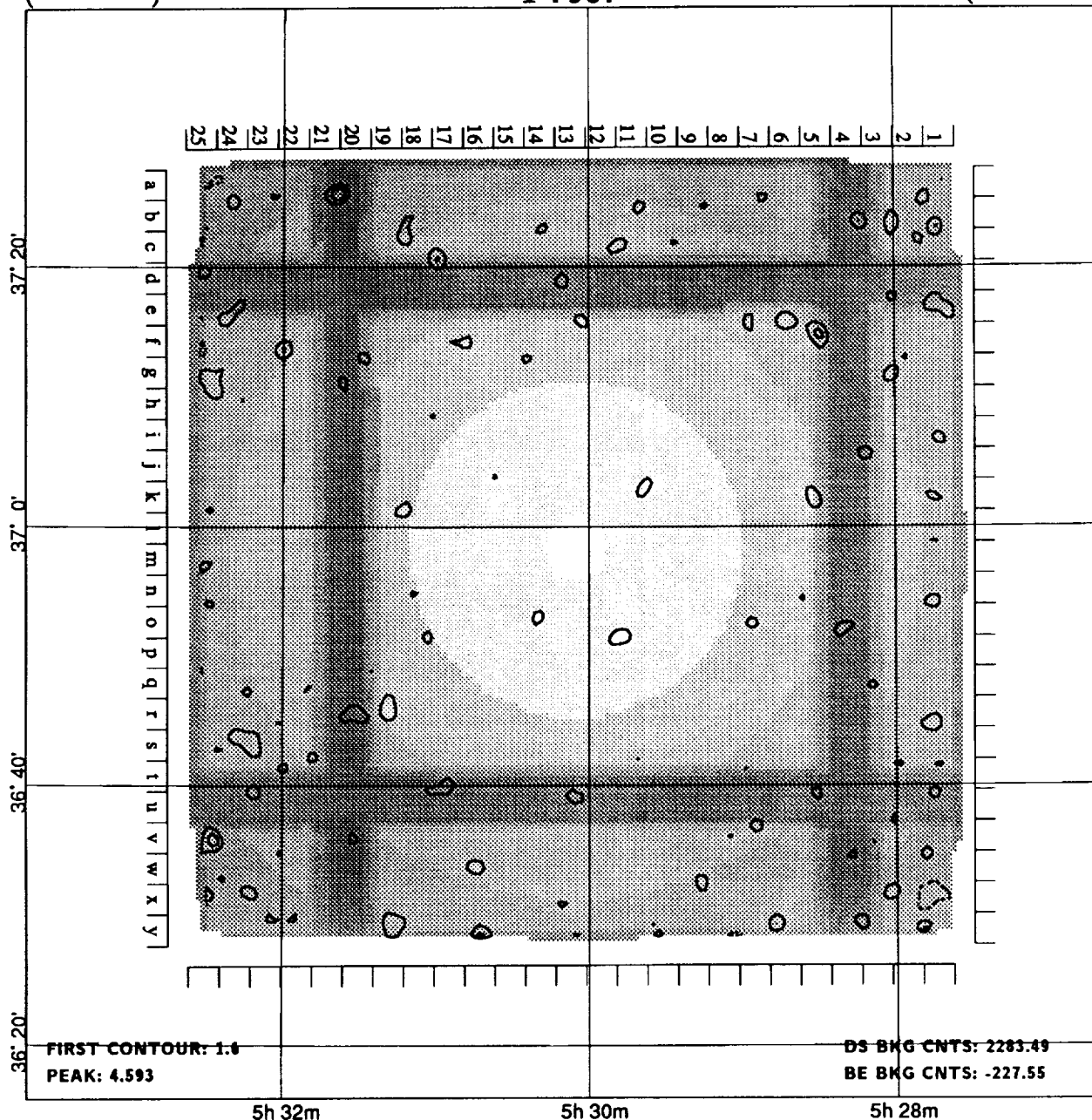
NH: $1.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1297	1	05 30 04.0	-11 34 27	31	0.0920	0.0056	283.9	10.1	16.6	2.9	0	1.5	H	CLG
1302	2	05 30 39.0	-11 40 33	41	0.0184	0.0029	49.8	11.2	6.4	0.9	0	11.7	H	
1314	3	05 31 47.4	-11 33 50	56	0.0119	0.0030	20.7	7.3	3.9	0.9	100	26.8	H	

(5h 30m)

I 7907

(5h 30m)

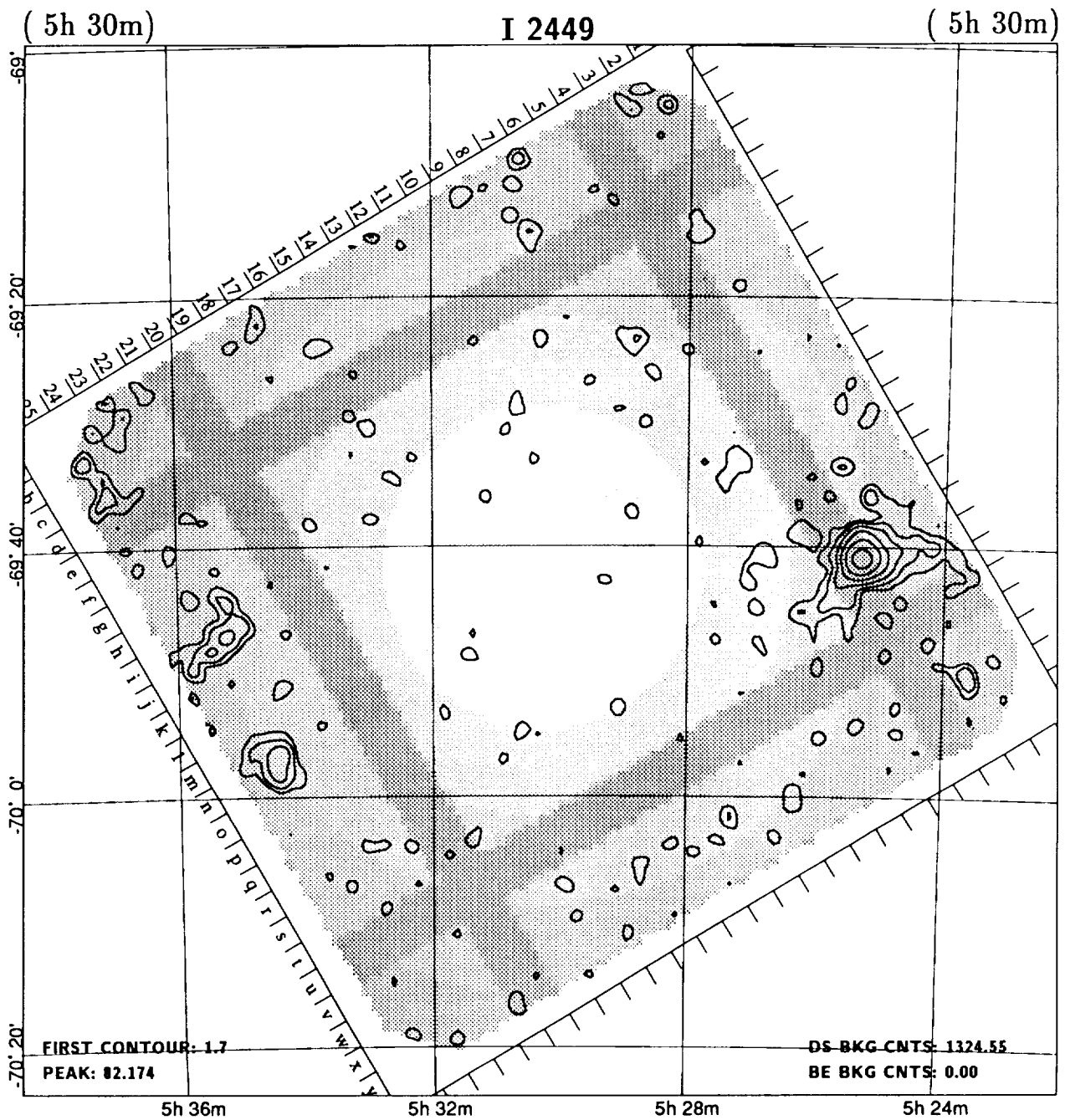


LANNING #10,4 BLUE GALACTIC EMISSION LINE OBJECTS

FIELD CENTER: 05^h30^m10.0^s 36°57'57" (B1950)
05^h33^m33.7^s 37°00'00" (J2000)
 ℓ : 171.83 b : 2.15

DATE: 1980/ 61 - 1980/ 61
LIVETIME: 1850.4s
ROLL ANGLE: 89.9°

NH: 5.1E+21
REF/ID:
FIELD FLAGS:



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}30^{\text{m}}19.2^{\text{s}}$ $-69^{\circ}41'59''$ (B1950)
 $05^{\text{h}}29^{\text{m}}54.0^{\text{s}}$ $-69^{\circ}39'48''$ (J2000)
 $l: 280.25$ $b: -32.36$

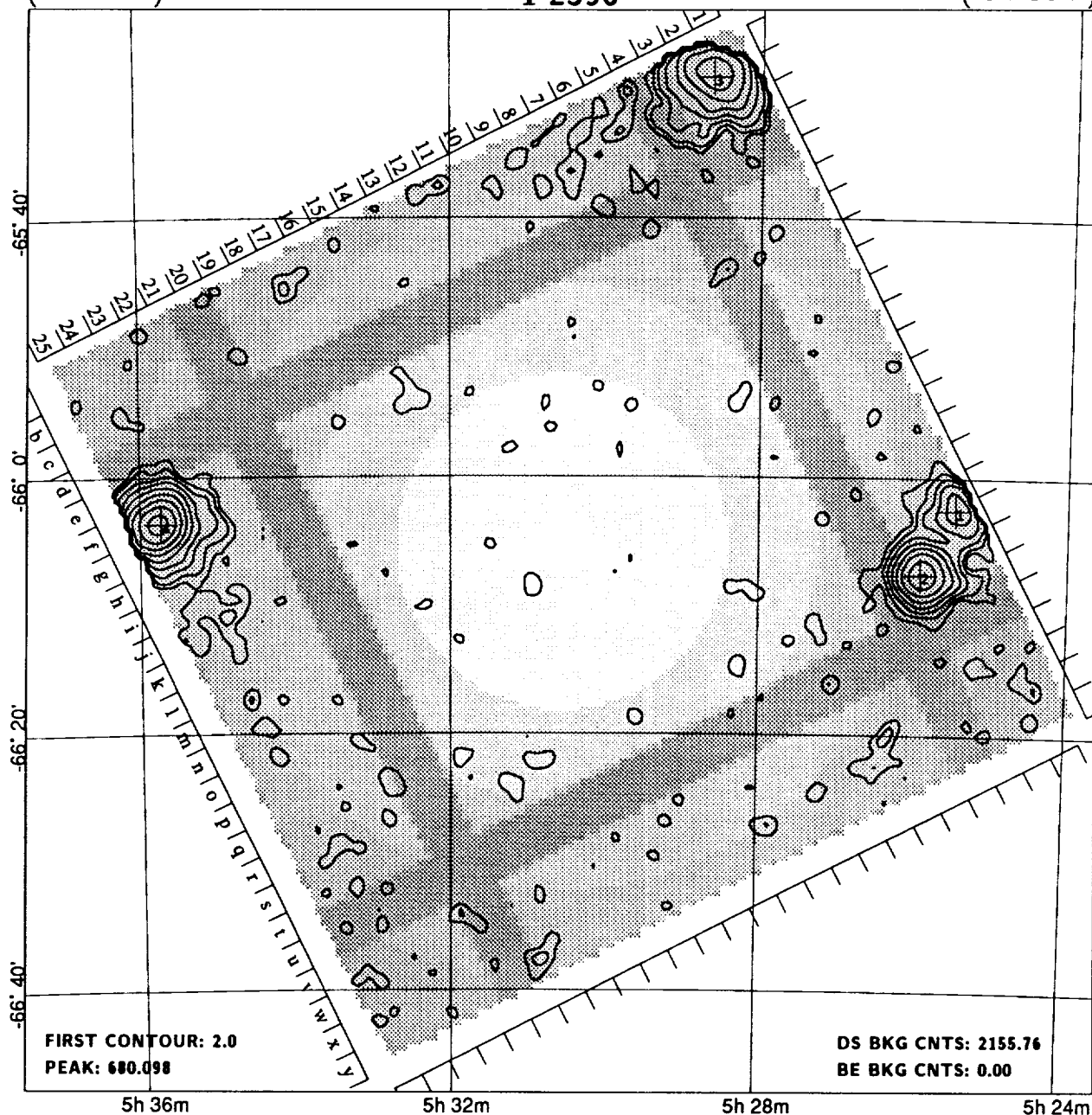
DATE: 1979/100 - 1979/100
 LIVETIME: 1073.3s
 ROLL ANGLE: 59.5°

NH: $8.7\text{E}+20$
 REF/ID: !
 FIELD FLAGS: LS

(5h 30m)

I 2396

(5h 30m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 30^m 33.6^s$ $-66^\circ 05' 59''$ (B1950)
 $05^h 30^m 37.9^s$ $-66^\circ 03' 51''$ (J2000)
 $l: 276.00$ $b: -32.78$

DATE: 1979/100 - 1979/100

NH: $5.4E+20$

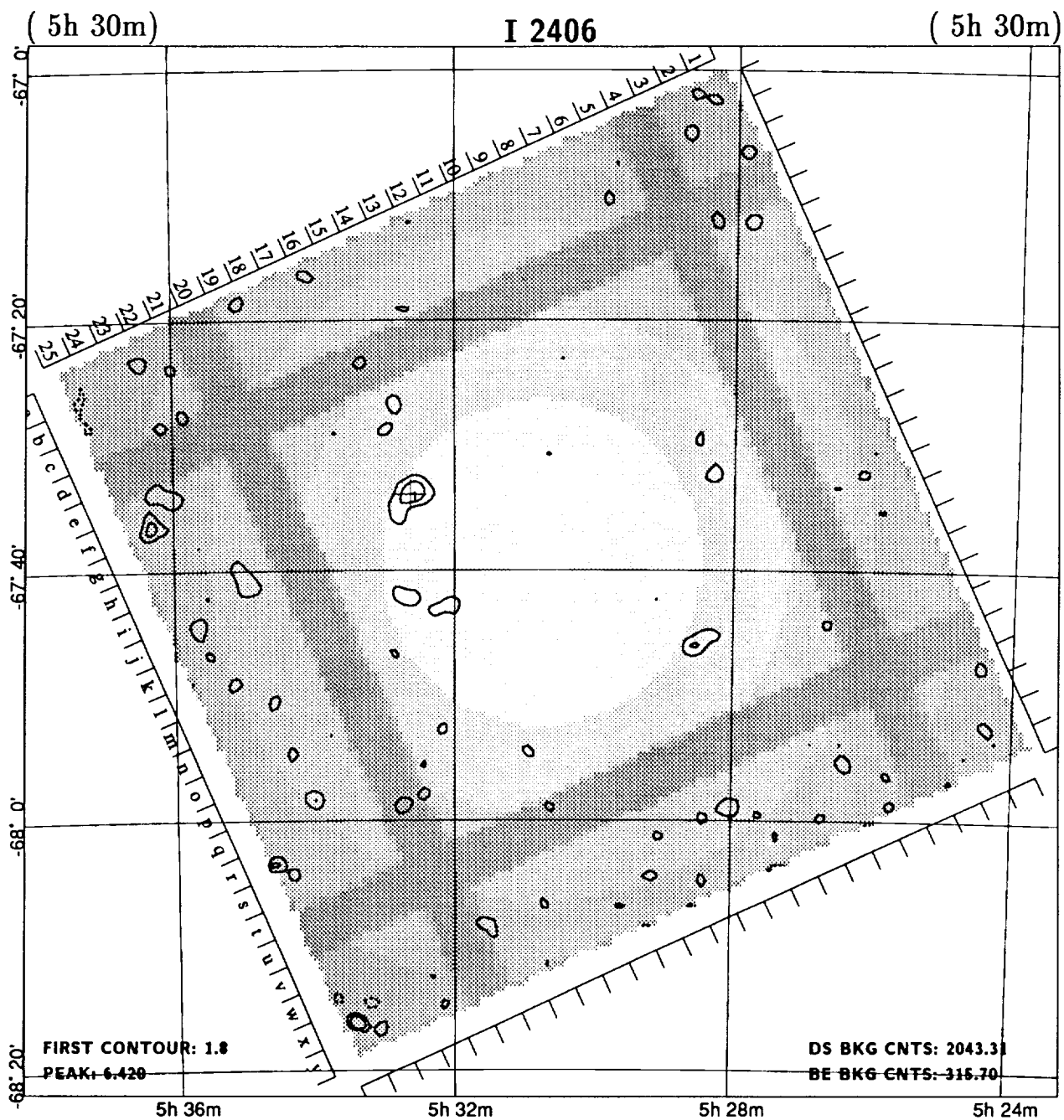
LIVETIME: 1746.9s

REF/ID:

ROLL ANGLE: 63.4°

FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1277	1L	05 25 27.6	-66 02 31	48	*0.126	0.022	82.7	34.3	5.9	7.7	501	31.4	AI	SNR
1279	2L	05 25 54.2	-66 07 28	47	*0.619	0.046	409.5	103.5	13.3	1.8	702	28.3	A	SNR
1290	3L	05 28 37.3	-65 29 07	47	0.450	0.054	174.4	127.6	8.2	2.0	0	38.8		S
1461	4L	05 35 43.9	-66 03 39	47	1.861	0.073	1049.2	218.8	25.4	1.4	100	31.5	A	SNR



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h30^m45.6^s -67°40'11" (B1950)
05^h30^m38.1^s -67°38'03" (J2000)
 l : 277.85 b : -32.59

DATE: 1979/101 - 1979/101
LIVETIME: 1655.8s
ROLL ANGLE: 65.7°

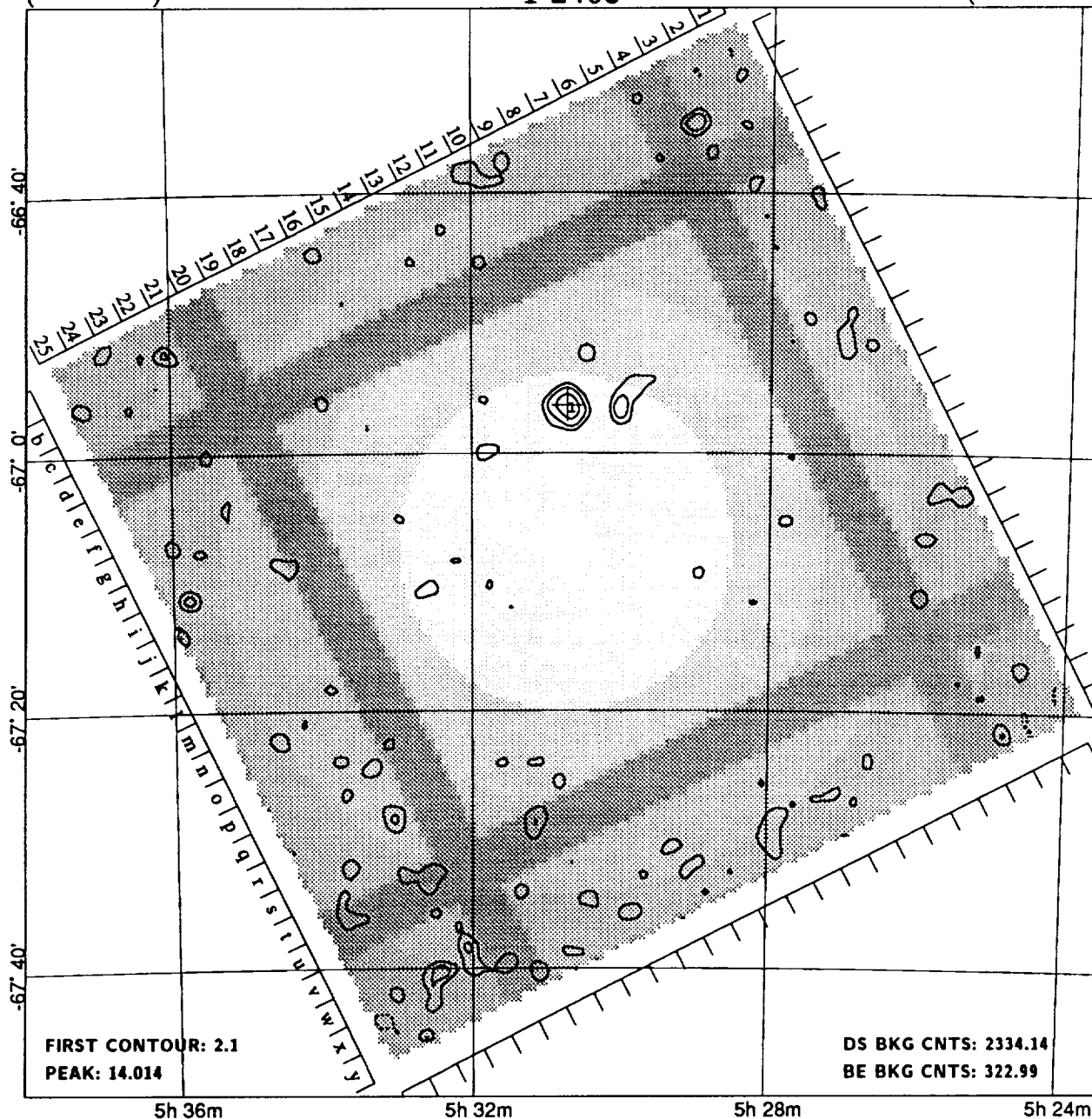
NH: 6.7E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1351	1	05 32 37.7	-67 33 56	44	0.0170	0.0045	17.9	5.1	3.7	1.1	0	12.5	AH	*

(5h 30m)

I 2403

(5h 30m)



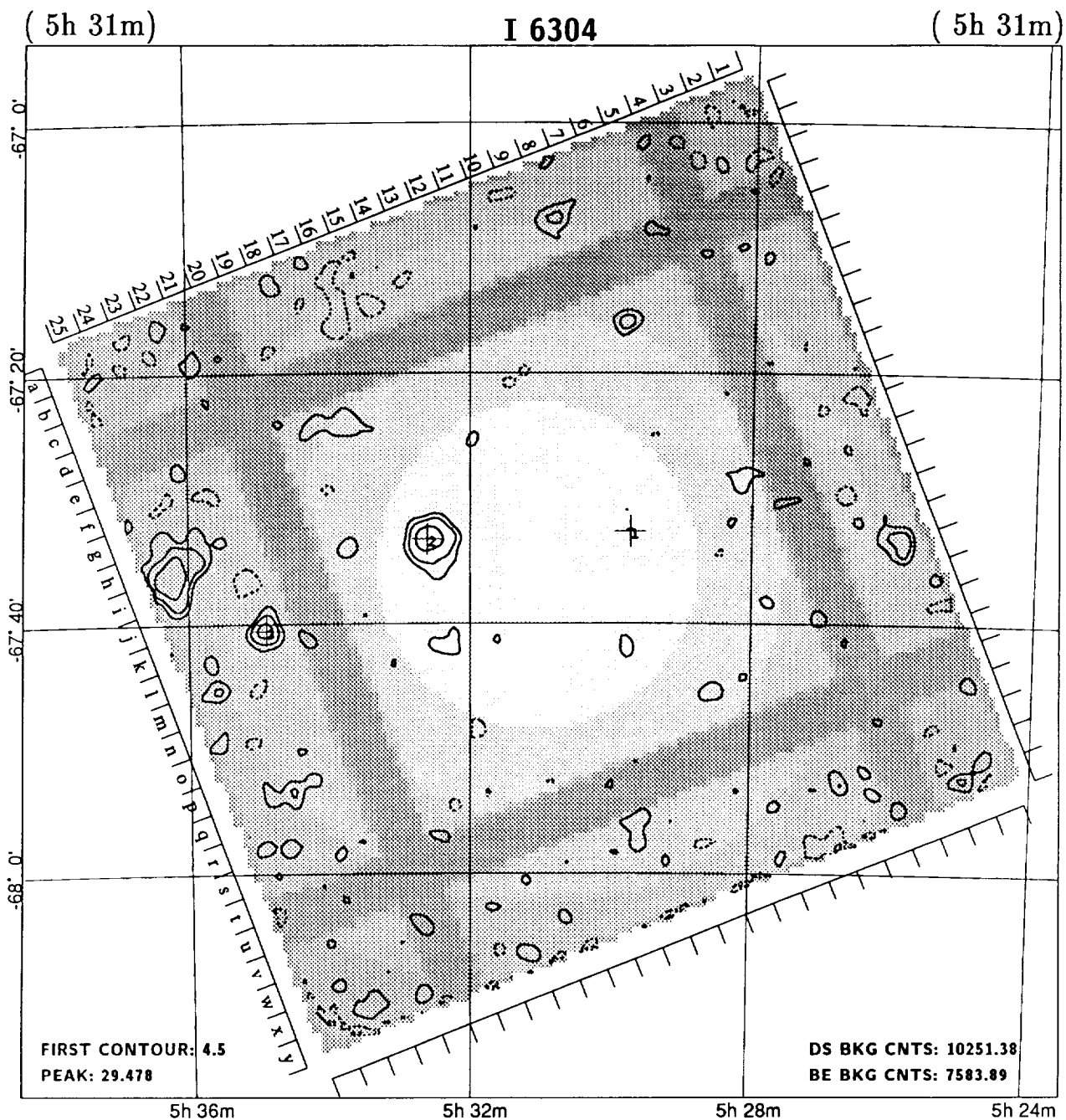
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h30^m45.6^s -67°07'47" (B1950)
05^h30^m42.3^s -67°05'39" (J2000)
 l : 277.22 b : -32.65

DATE: 1979/100 - 1979/100
LIVETIME: 1891.4s
ROLL ANGLE: 63.3°

NH: 6.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1303	1	05 30 43.0	-66 56 20	41	0.0377	0.0058	47.0	6.0	6.5	1.0	0	11.3	H	*

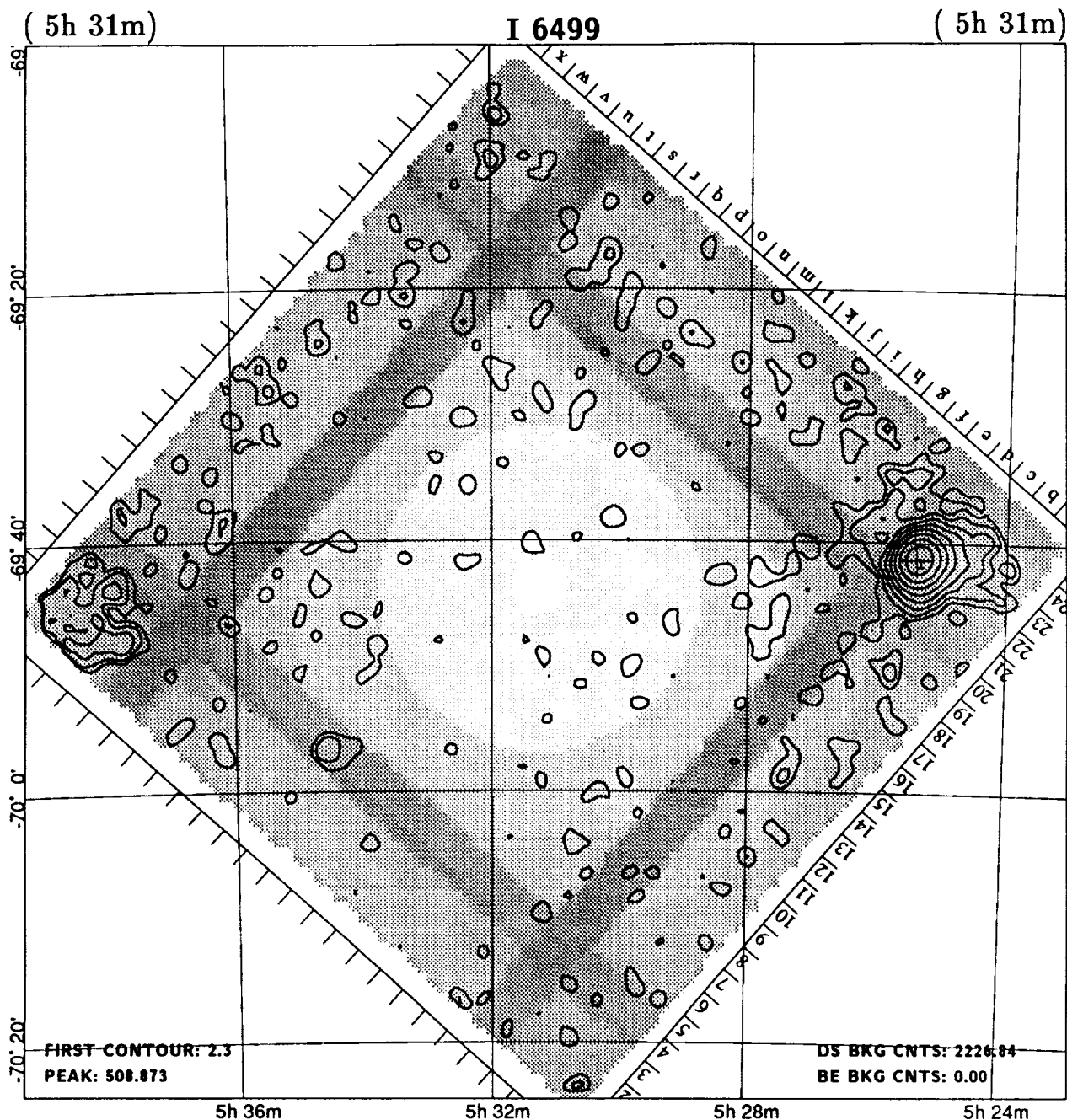


FIELD CENTER: 05^h31^m00.0^s -67°35'59" (B1950)
05^h30^m53.0^s -67°33'52" (J2000)
 l : 277.77 b : -32.58

DATE: 1980/ 95 - 1980/ 95
LIVETIME: 8605.3s
ROLL ANGLE: 68.7°

NH: 6.6E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1295	1L	05 29 43.2	-67 32 40	48	0.0061	0.0016	36.3	23.7	3.8	0.1	0	8.0		
1351	2L	05 32 36.4	-67 33 16	38	0.0119	0.0027	69.0	86.0	4.4	1.4	0	9.3	A	*
1445	3L	05 34 54.2	-67 40 32	50	0.0127	0.0028	51.2	35.8	4.4	0.9	100	22.7	A	



LMC X-1,IPC CALIBRATION POSITION 02

FIELD CENTER: $05^h 31^m 08.5^s$ $-69^\circ 42' 36''$ (B1950)
 $05^h 30^m 43.1^s$ $-69^\circ 40' 29''$ (J2000)
 $l: 280.25$ $b: -32.29$

DATE: 1979/314 - 1979/314
 LIVETIME: 1804.5s
 ROLL ANGLE: -138.6°

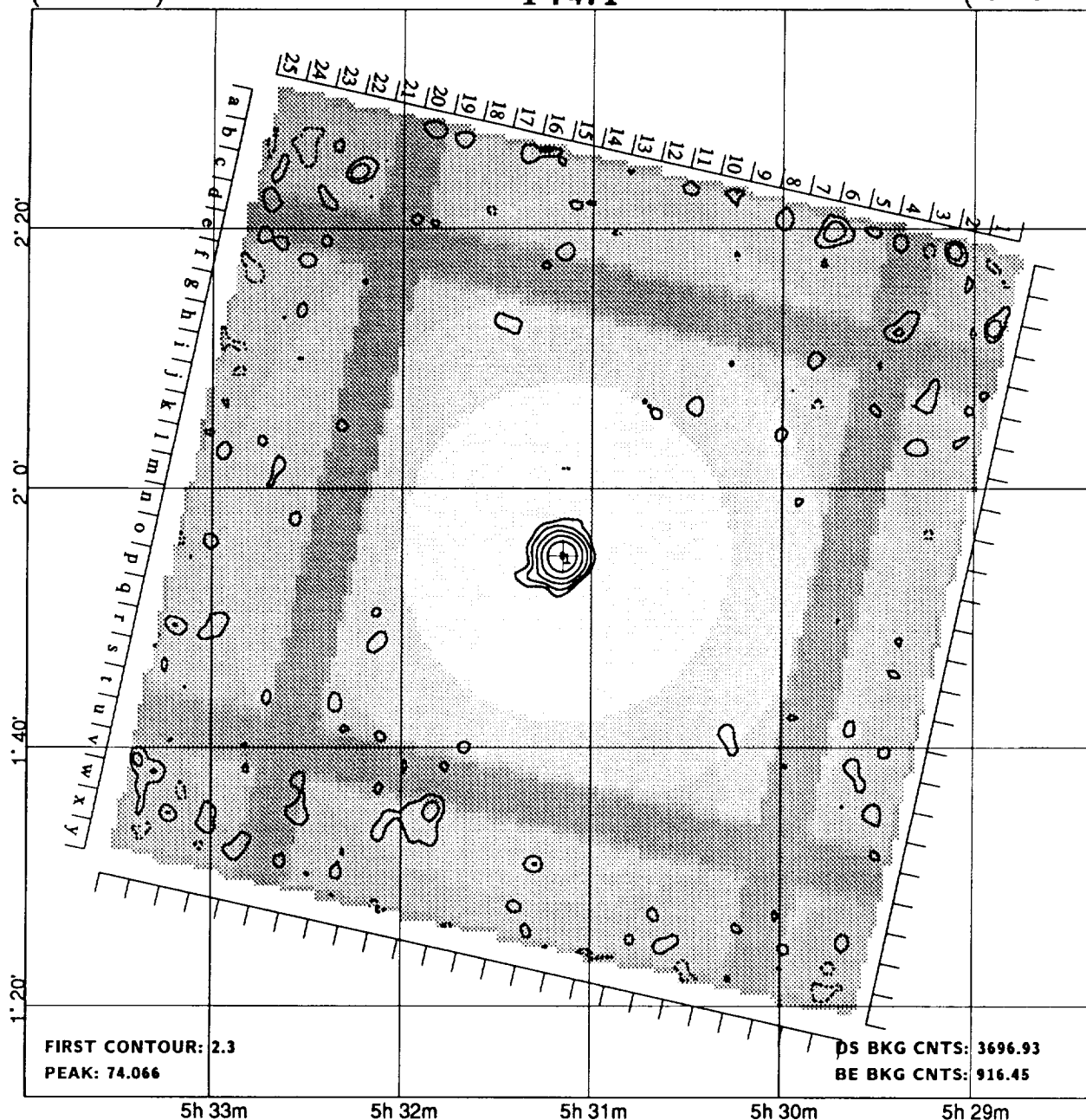
NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 24.1	-69 41 20	47	*1.37	0.17	849.3	95.7	8.2	1.6	1308	29.9	A	SNR

(5h 31m)

I 7471

(5h 31m)



V371 ORI,RADIO STAR

FIELD CENTER: $05^h 31^m 10.0^s$ $01^\circ 54' 52''$ (B1950)
 $05^h 33^m 46.0^s$ $01^\circ 56' 53''$ (J2000)
 $l: 202.02$ $b: -16.27$

DATE: 1981/ 47 - 1981/ 47
 LIVETIME: 2995.7s
 ROLL ANGLE: 102.4°

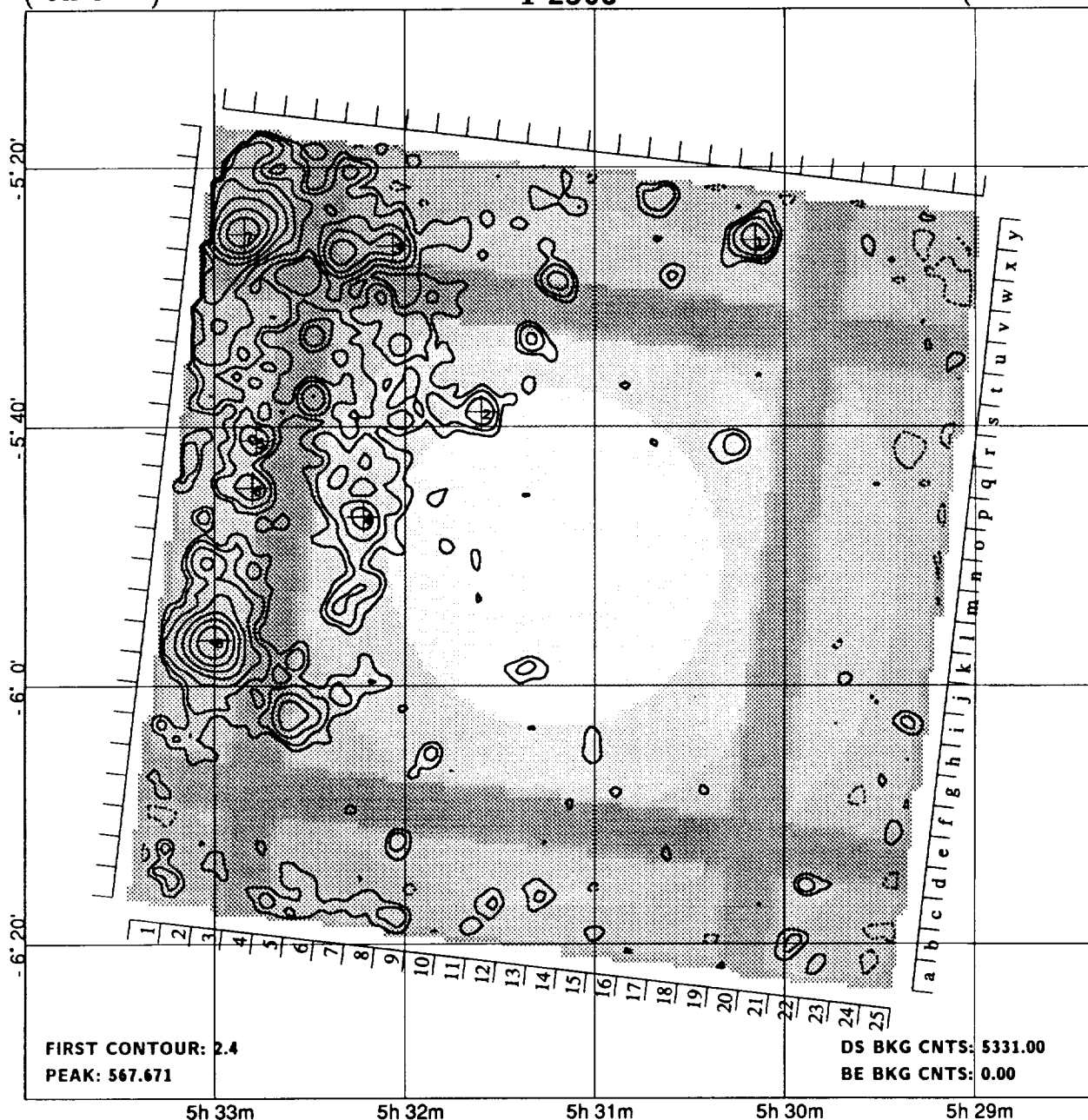
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1305	1	05 31 09.0	01 54 52	31	0.1464	0.0082	327.3	11.7	17.8	1.3	0	0.4	H	

(5h 31m)

I 2568

(5h 31m)



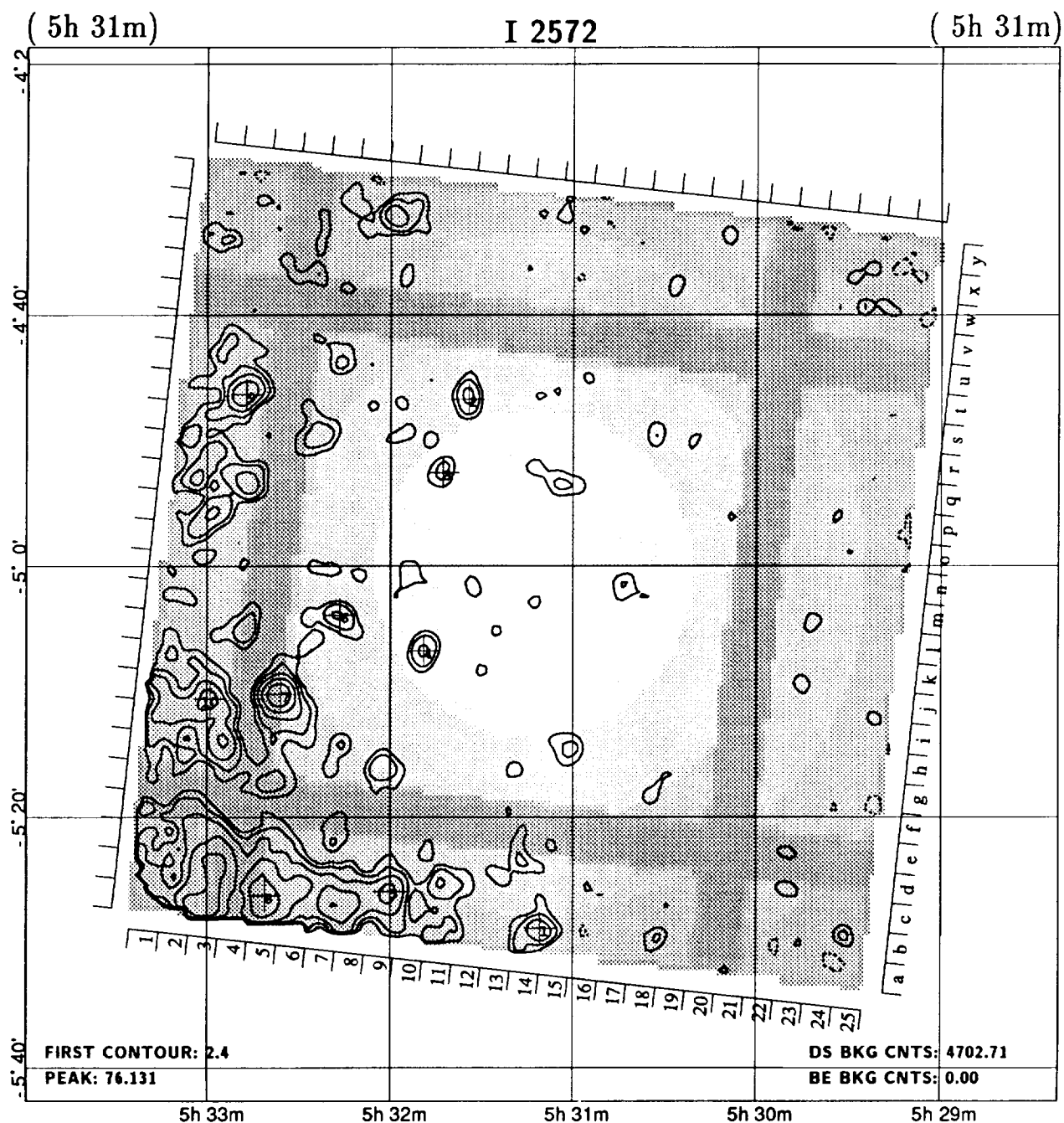
ENERGETIC MOLECULAR CLOUDS: ORION

FIELD CENTER: $05^{\text{h}}31^{\text{m}}10.5^{\text{s}}$ $-05^{\circ}49'51''$ (B1950)
 $05^{\text{h}}33^{\text{m}}37.5^{\text{s}}$ $-05^{\circ}47'51''$ (J2000)
 ℓ : 209.20 b : -19.93

DATE: 1979/250 - 1979/251
 LIVETIME: 4319.9s
 ROLL ANGLE: -83.4°

NH: $1.5\text{E}+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1298	1L	05 30 09.3	-05 25 37	50	0.0420	0.0065	65.9	13.1	6.3	1.2	0	28.4		
1311	2L	05 31 35.8	-05 38 50	40	0.0229	0.0038	62.1	17.9	5.8	90.5	0	12.7		
1323	3L	05 32 03.7	-05 26 02	50	0.0310	0.0061	52.5	19.5	4.8	53.8	600	27.2	A	*
1329	4L	05 32 13.2	-05 46 53	48	0.0279	0.0048	70.6	32.4	5.7	59.8	0	15.9		
1361	5L	05 32 46.8	-05 41 02	50	*0.0202	0.0053	37.2	17.9	3.6	84.9	601	25.6	A	
1369	6L	05 32 48.1	-05 44 39	50	*0.0213	0.0057	40.5	15.0	3.6	97.1	703	24.8	A	†
1366	7L	05 32 50.5	-05 25 07	47	*0.476	0.027	832.1	226.9	17.8	2.7	603	35.1	AI	S
1377	8L	05 32 59.9	-05 56 23	47	0.363	0.019	613.7	139.3	19.3	2.0	0	28.0	A	S



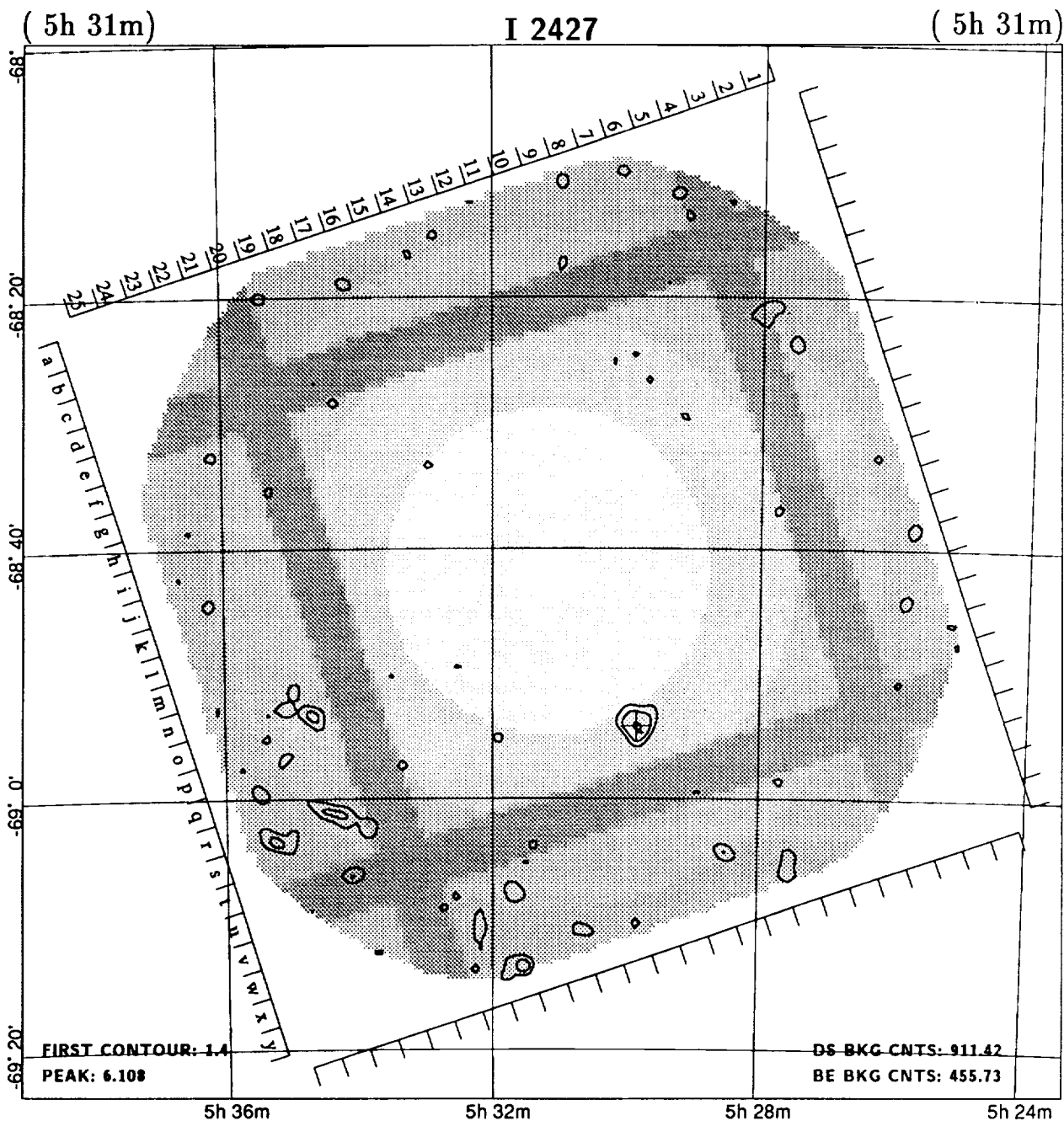
ENERGETIC MOLECULAR CLOUDS: ORION

FIELD CENTER: 05^h31^m10.5^s -05°00'39" (B1950)
05^h33^m38.4^s -04°58'39" (J2000)
ℓ: 208.43 b: -19.56

DATE: 1979/251 - 1979/251
LIVETIME: 3810.7s
ROLL ANGLE: -83.8°

NH: 1.7E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1306	1L	05 31 10.7	-05 28 52	51	0.0206	0.0051	29.6	9.4	3.9	1.1	200	28.2	A	S
1310	2L	05 31 34.3	-04 46 41	50	0.0156	0.0035	35.1	10.9	4.3	0.8	0	15.2		
1312	3L	05 31 42.7	-04 52 34	44	0.0113	0.0027	28.2	5.8	4.1	0.6	0	11.3		
1317	4L	05 31 49.0	-05 06 46	41	0.0135	0.0032	33.9	12.1	4.1	0.8	0	11.3	A	
1323	5L	05 32 00.2	-05 25 54	50	0.0310	0.0065	45.3	19.7	4.6	21.9	0	28.1	A	*
1333	6L	05 32 16.5	-05 03 54	51	0.0154	0.0035	33.7	9.3	4.3	1.0	0	16.8		
1354	7L	05 32 35.8	-05 10 13	47	*0.056	0.012	98.6	18.4	4.6	3.1	906	23.3	A	*
1366	8L	05 32 41.1	-05 26 14	48	*0.038	0.011	62.7	63.3	3.5	7.6	703	34.1	AI	S
1364	9L	05 32 47.1	-04 46 17	48	0.0468	0.0072	69.4	13.6	6.2	3.1	500	28.1	A	
1376	10L	05 32 58.9	-05 10 34	50	0.0305	0.0068	43.8	21.2	4.4	7.4	200	28.7	A	S



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 31^m 14.4^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 30^m 58.2^s$ $-68^\circ 39' 53''$ (J2000)
 $l: 279.06$ $b: -32.42$

DATE: 1979/101 - 1979/101

LIVETIME: 738.6s

ROLL ANGLE: 71.8°

NH: $7.9E+20$

REF/ID:

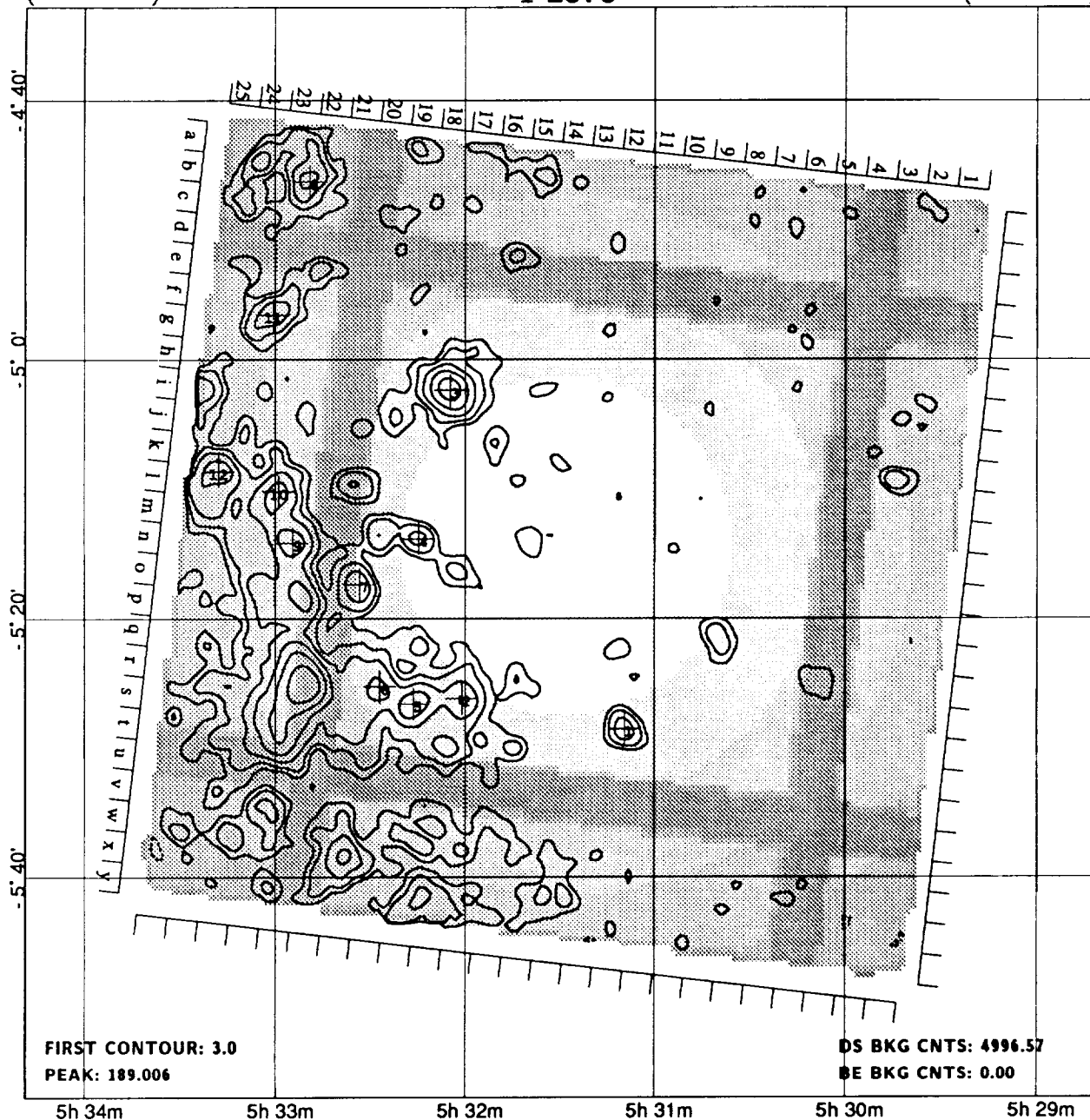
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1296	1	05 29 50.4	-68 54 09	43	0.047	0.011	21.0	3.0	4.3	1.0	0	14.5	AH	S

(5h 31m)

I 2573

(5h 31m)



ENERGETIC MOLECULAR CLOUDS: ORION

FIELD CENTER: $05^{\text{h}}31^{\text{m}}30.0^{\text{s}}$ $-05^{\circ}14'59''$ (B1950)
 $05^{\text{h}}33^{\text{m}}57.6^{\text{s}}$ $-05^{\circ}13'00''$ (J2000)
 $l: 208.69$ $b: -19.60$

DATE: 1979/ 65 - 1979/ 65
 LIVETIME: 4048.9s
 ROLL ANGLE: 96.6°

NH: $1.7\text{E}+21$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1306	1L	05 31 09.5	-05 28 30	41	0.0239	0.0040	57.5	11.5	5.9	1.0	0	14.4	A	S
1323	2L	05 32 01.1	-05 26 08	38	0.0244	0.0049	59.6	39.4	4.8	48.5	0	13.4	A	*
1326	3L	05 32 04.7	-05 02 22	47	0.0821	0.0077	195.6	52.4	10.6	1.6	0	15.2	A	S
1331	4L	05 32 14.7	-05 13 51	41	0.0166	0.0034	43.2	14.8	4.7	89.2	0	11.1		S
1335	5L	05 32 16.4	-05 26 33	48	0.0407	0.0063	91.7	48.3	6.4	29.0	0	16.5	A	S
1345	6L	05 32 27.1	-05 25 15	48	0.0267	0.0061	58.0	57.0	4.3	34.1	0	17.5	A	S
1350	7L	05 32 33.4	-05 17 21	50	*0.0255	0.0056	58.3	19.7	4.4	58.2	703	16.0	A	S
1364	8L	05 32 49.1	-04 46 21	51	0.0383	0.0079	42.7	14.3	4.7	2.7	0	34.6	A	
1371	9L	05 32 54.5	-05 14 11	48	0.0390	0.0070	76.6	43.4	5.4	30.4	500	21.1	A	S
1376	10L	05 32 58.8	-05 10 09	50	0.0318	0.0065	59.4	40.6	4.8	34.7	0	22.6	A	S

Source Table cont.

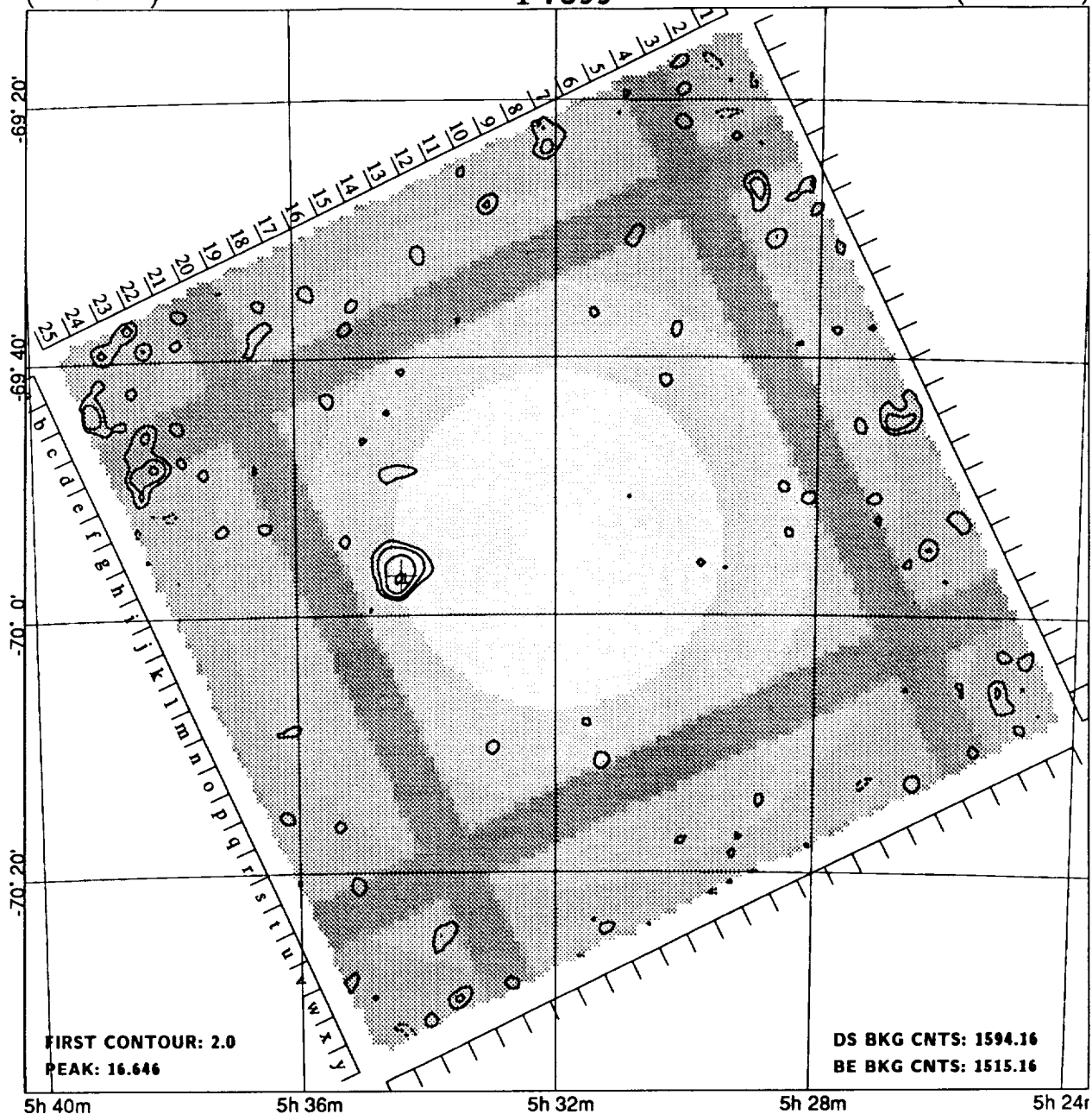
I 2573 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1381	11L	05 33 00.6	-04 56 39	51	0.0241	0.0059	35.4	17.6	4.0	1.9	0	29.1	A	S
1393	12L	05 33 17.8	-05 08 36	48	0.0389	0.0075	60.2	33.8	5.1	29.9	0	27.5	a	S

(5h 32m)

I 7399

(5h 32m)

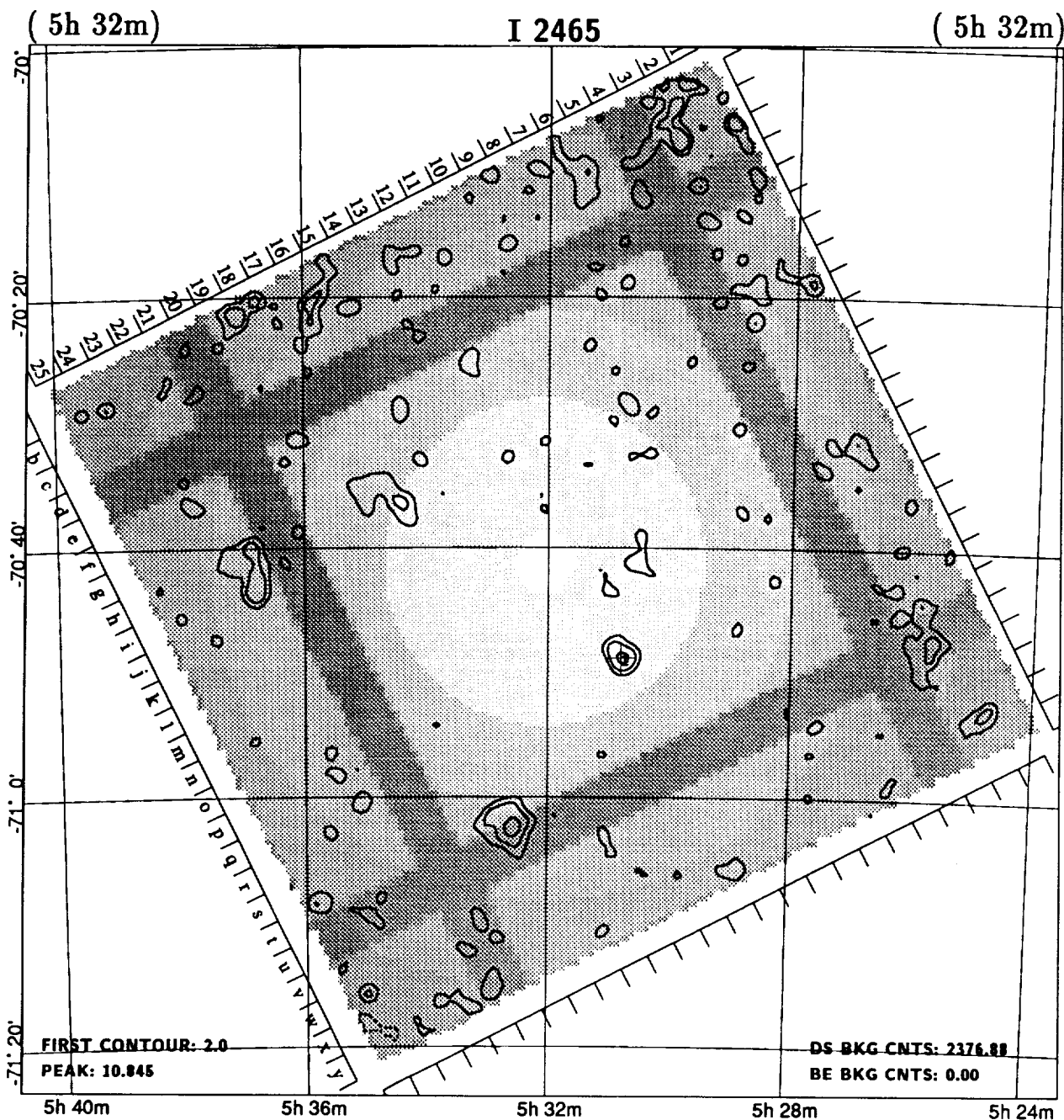


FIELD CENTER: $05^h 32^m 00.0^s$ $-69^\circ 54' 59''$ (B1950)
 $05^h 31^m 32.5^s$ $-69^\circ 52' 56''$ (J2000)
 $l: 280.48$ $b: -32.19$

DATE: 1980/ 99 - 1980/ 99
 LIVETIME: 1338.2s
 ROLL ANGLE: 64.5°

NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 23.2	-69 56 54	41	0.069	0.012	57.5	16.5	5.6	1.3	0	12.5	A	SNR



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 32^m 04.8^s$ $-70^\circ 41' 59''$ (B1950)
 $05^h 31^m 29.3^s$ $-70^\circ 39' 56''$ (J2000)
 l : 281.39 b : -32.07

DATE: 1979/100 - 1979/100
 LIVETIME: 1926.1s
 ROLL ANGLE: 63.2°

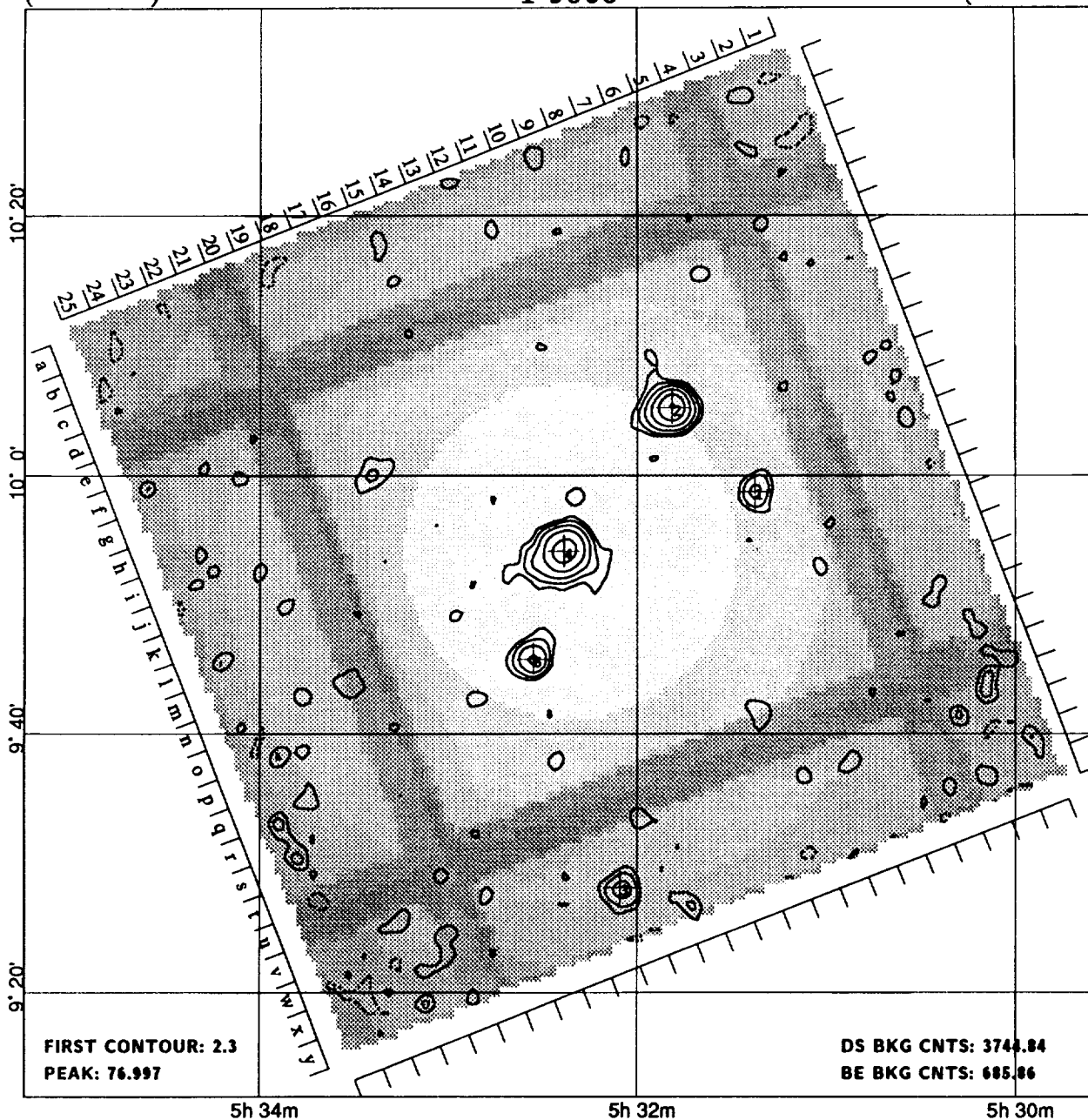
NH: 8.1E+20
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1304	1L	05 30 47.6	-70 48 45	42	0.0267	0.0054	34.4	3.6	4.8	0.8	0	9.4	*

(5h 32m)

I 9060

(5h 32m)



MASSIVE RUNAWAY O STARS: LAMBDA ORI

FIELD CENTER: $05^h 32^m 24.0^s$ $09^\circ 53' 59''$ (B1950)
 $05^h 35^m 09.3^s$ $09^\circ 55' 54''$ (J2000)
 $l: 195.06$ $b: -11.99$

DATE: 1981/ 93 - 1981/ 93
 LIVETIME: 3034.6s
 ROLL ANGLE: 68.7°

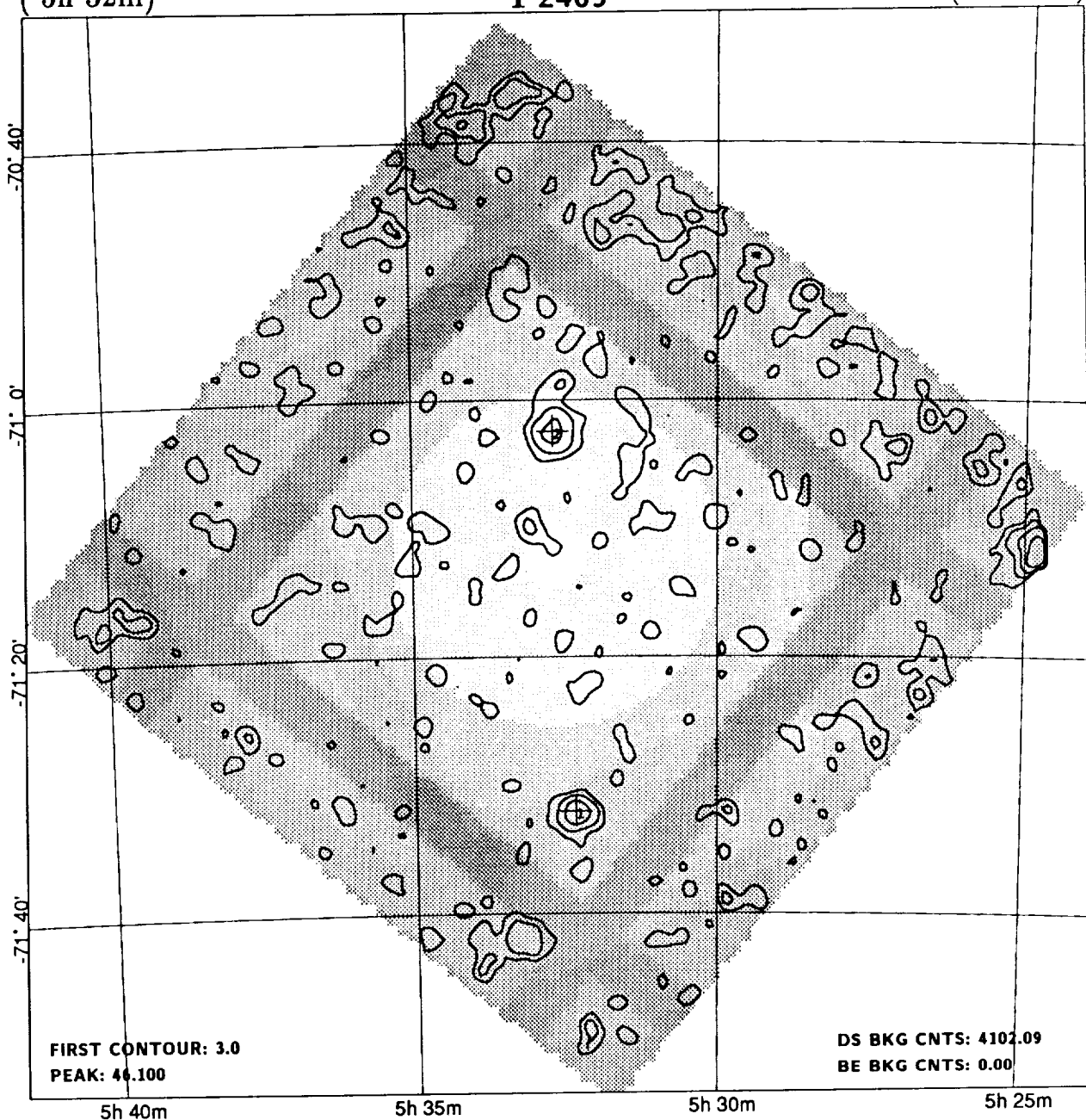
NH: $2.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1307	1	05 31 22.6	09 58 44	50	0.0176	0.0035	31.7	8.3	5.0	0.8	0	15.8	S	
1315	2	05 31 48.9	10 05 15	38	0.1209	0.0082	225.5	10.5	14.7	1.1	0	13.9	AH S	
1327	3	05 32 05.5	09 28 08	51	0.0203	0.0046	25.2	7.8	4.4	0.9	0	26.2	H S	
1341	4	05 32 23.4	09 54 11	31	0.1088	0.0071	246.2	11.8	15.3	1.5	0	0.2	H S	
1348	5	05 32 33.1	09 45 48	38	0.0353	0.0044	72.8	10.2	8.0	1.0	0	8.4	H S	

(5h 32m)

I 2469

(5h 32m)



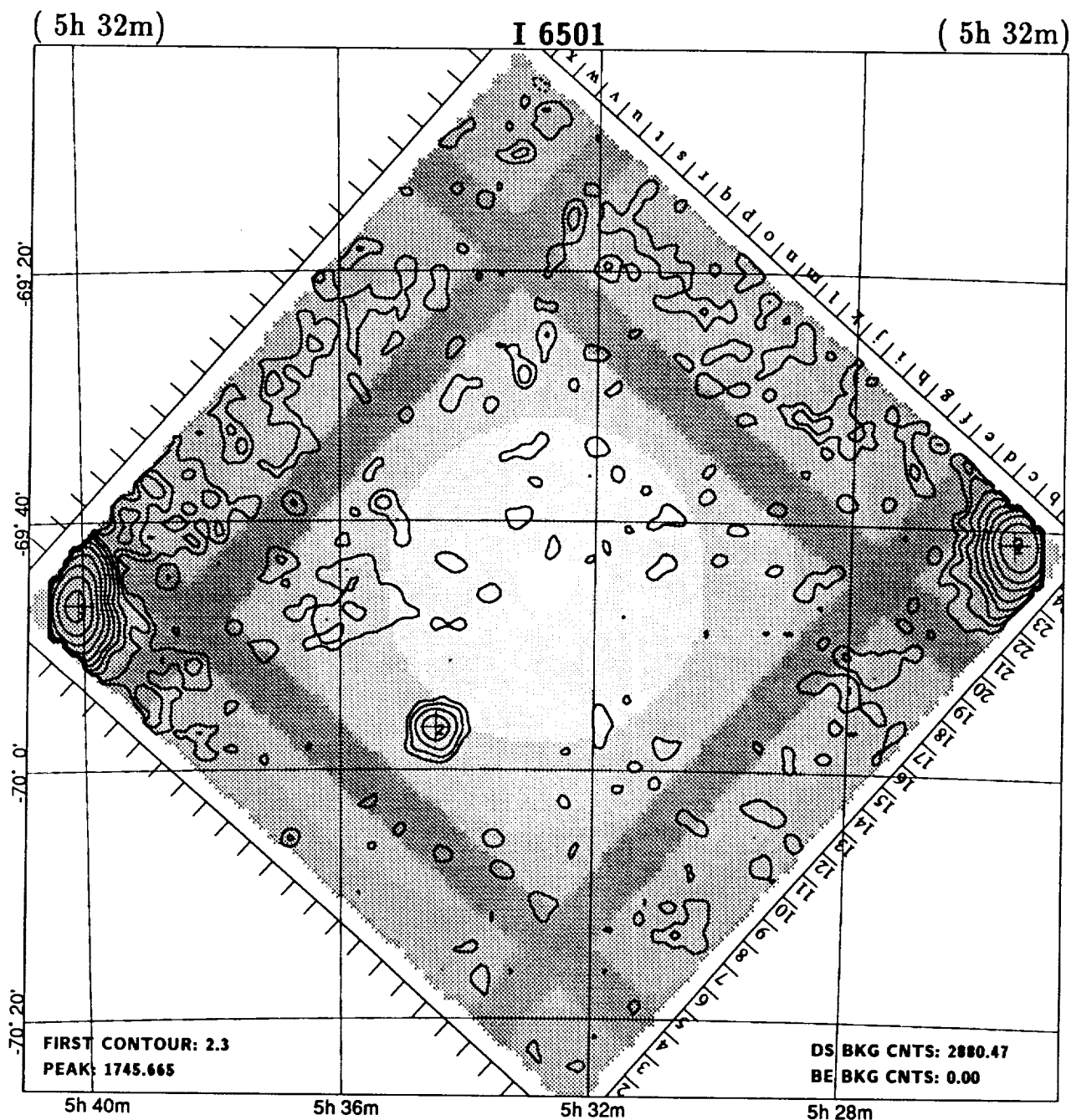
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 32^m 39.1^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 31^m 58.1^s$ $-71^\circ 09' 58''$ (J2000)
 $l: 281.97$ $b: -31.95$

DATE: 1979/100 - 1979/311
 LIVETIME: 3324.0s

NH: $8.3E+20$
 REF/ID: !
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1337	1L	05 32 20.6	-71 31 58	50	0.0300	0.0055	51.7	15.3	5.3	1.1	0	19.9	A	*
1355	2L	05 32 41.3	-71 02 26	41	0.0188	0.0047	41.7	32.3	3.9	1.8	0	9.2	a	SNR



LMC X-1, IPC CALIBRATION POSITION 04

FIELD CENTER: 05^h32^m45.5^s -69°44'15" (B1950)
05^h32^m19.6^s -69°42'15" (J2000)
 l : 280.26 b : -32.15

DATE: 1979/313 - 1979/313

LIVETIME: 2334.1s

ROLL ANGLE: -138.6°

NH: 8.6E+20

REF/ID:

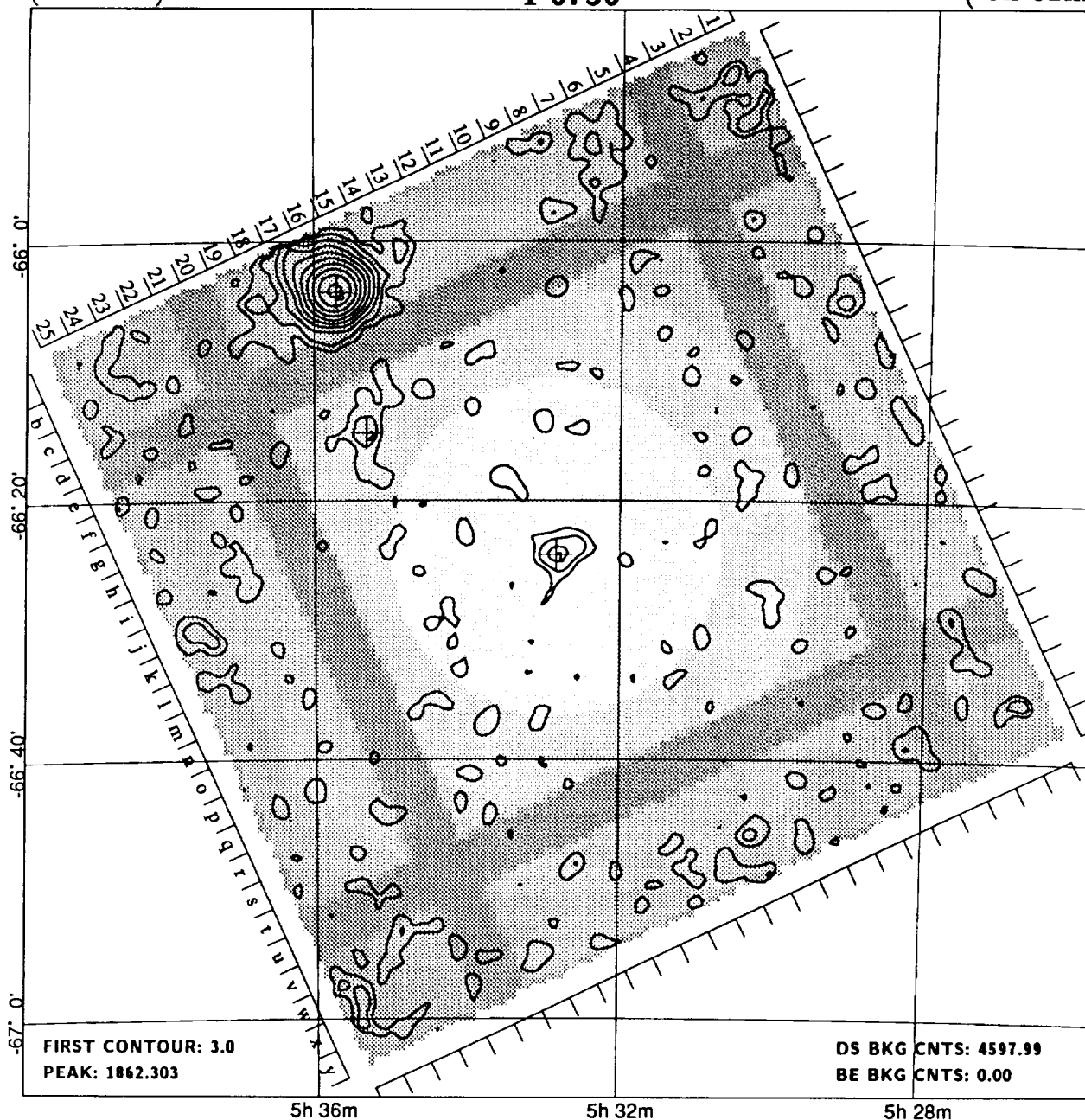
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1278	1L	05 25 27.9	-69 41 06	47	1.119	0.074	571.3	405.7	15.0	1.9	100	38.0	A	SNR
1436	2L	05 34 29.6	-69 56 36	48	0.0543	0.0090	75.6	35.4	5.9	1.3	0	15.2	A	SNR
1522	3L	05 40 04.8	-69 46 38	47	3.22	0.11	1656.7	743.3	28.4	1.8	0	38.1	A	S

(5h 32m)

I 6756

(5h 32m)



PULSAR SEARCH: LMC X-4

FIELD CENTER: $05^h 32^m 47.3^s$ $-66^\circ 24' 12''$ (B1950)
 $05^h 32^m 49.2^s$ $-66^\circ 22' 13''$ (J2000)
 ℓ : 276.34 b : -32.53

DATE: 1980/ 99 - 1980/354
 LIVETIME: 3725.9s
 ROLL ANGLE: 65.0°

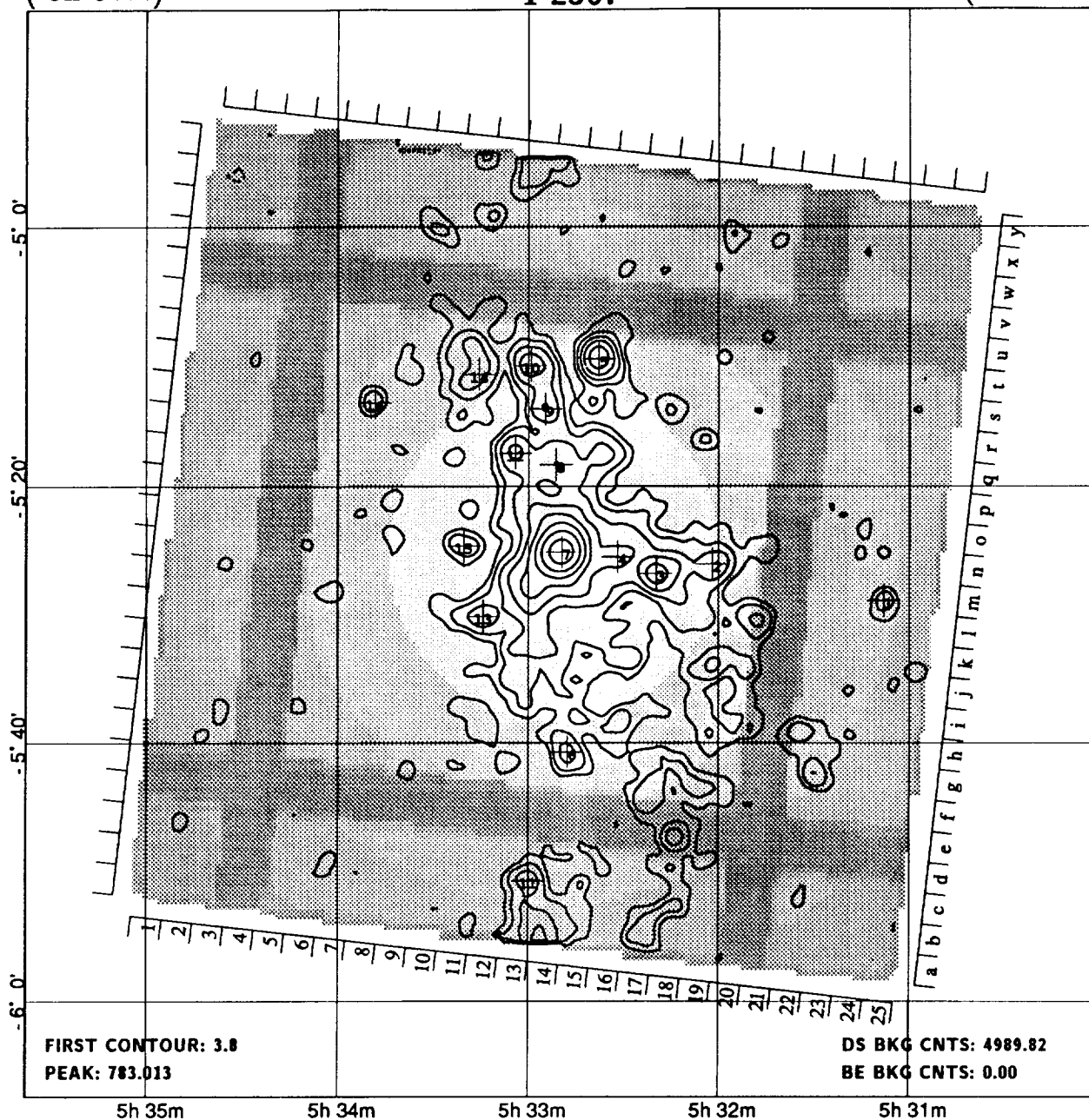
NH: $5.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1368	1L	05 32 50.3	-66 24 09	35	0.0178	0.0038	49.3	26.7	4.6	1.3	0	0.1		
1453	2L	05 35 19.3	-66 14 43	52	0.0136	0.0037	27.9	13.1	3.5	2.0	0	18.0		S
1461	3L	05 35 42.6	-66 03 55	47	2.525	0.048	3854.7	397.3	52.3	1.3	0	26.9	A	SNR

(5h 32m)

I 2567

(5h 32m)

FIELD CENTER: 05^h32^m48.9^s -05°25'15" (B1950)

DATE: 1979/251 - 1979/251

NH: 1.7E+21

05^h35^m16.3^s -05°23'22" (J2000)

LIVETIME: 4043.4s

REF/ID:

ℓ: 209.01 b: -19.38

ROLL ANGLE: -83.5°

FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1306	1L	05 31 08.0	-05 28 54	61	0.0159	0.0039	26.7	5.3	4.0	0.7	0	25.4	A	S
1323	2L	05 32 01.9	-05 26 06	38	0.0323	0.0050	83.0	36.0	6.3	74.2	0	11.8	A	*
1335	3L	05 32 19.6	-05 26 49	38	0.0958	0.0078	266.0	82.0	12.1	26.7	0	7.4	A	S
1345	4L	05 32 31.7	-05 25 32	31	0.0229	0.0062	66.5	134.5	3.6	44.9	0	4.3	A	S
1354	5L	05 32 37.8	-05 10 15	47	0.1181	0.0081	279.7	16.3	14.4	1.2	0	15.3	A	*
1361	6L	05 32 47.7	-05 40 42	50	0.0240	0.0043	56.6	19.4	5.4	117.9	0	15.7	A	
1366	7L	05 32 49.4	-05 25 07	31	0.968	0.022	2920.6	521.4	43.4	3.0	0	0.2	A	S
1370	8L	05 32 51.2	-05 18 22	38	0.0297	0.0056	83.8	83.2	5.2	59.7	0	7.1		S
1371	9L	05 32 54.7	-05 14 05	38	0.0288	0.0050	75.9	46.1	5.6	73.4	0	11.2	A	S
1376	10L	05 32 59.2	-05 10 45	38	0.0548	0.0064	132.2	40.8	8.5	51.9	0	14.8	A	S

Source Table cont.

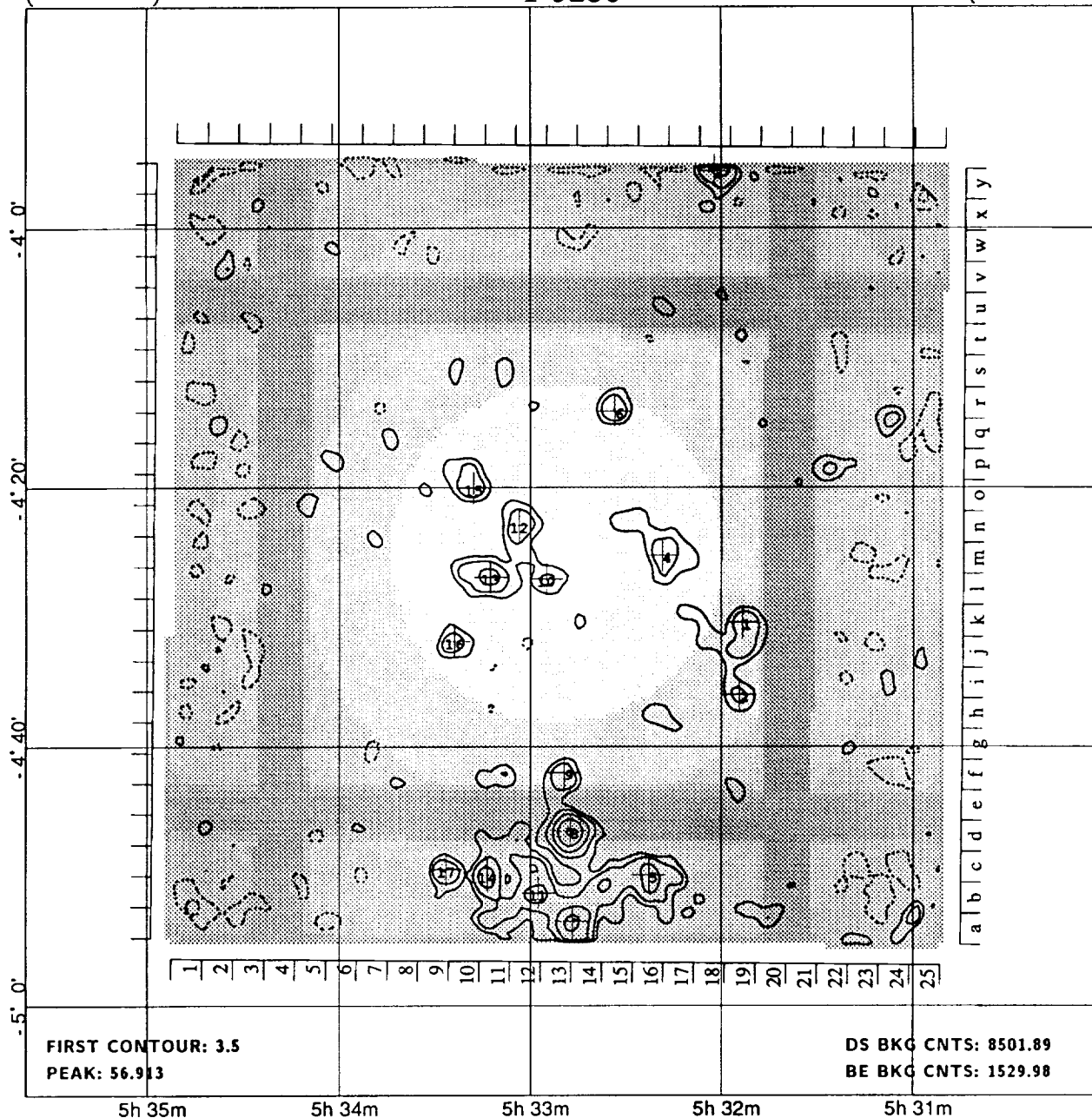
I 2567 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1378	11L	05 32 59.8	-05 50 36	51	0.0267	0.0056	45.8	20.2	4.6	3.9	0	25.4	A	
1383	12L	05 33 04.1	-05 17 29	38	0.0392	0.0054	108.3	48.7	7.2	66.7	0	8.7		S
1388	13L	05 33 14.2	-05 30 06	41	0.0204	0.0044	57.2	45.8	4.5	93.7	0	7.9	A	S
1389	14L	05 33 15.5	-05 11 25	50	0.0211	0.0051	50.2	45.8	4.1	85.3	0	15.9		
1396	15L	05 33 20.3	-05 24 41	42	0.0170	0.0033	47.9	16.1	5.0	0.8	0	7.9		
1417	16L	05 33 48.3	-05 13 35	53	0.0179	0.0034	38.7	3.3	5.2	0.6	0	18.9	A	

(5h 32m)

I 9256

(5h 32m)



ORION FOLLOWUP

FIELD CENTER: $05^h 32^m 49.0^s$ $-04^\circ 24' 59''$ (B1950)
 $05^h 35^m 17.6^s$ $-04^\circ 23' 06''$ (J2000)
 $l: 208.07$ $b: -18.92$

DATE: 1980/263 - 1980/263
 LIVETIME: 7136.7s
 ROLL ANGLE: -89.5°

NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1318	1	05 31 53.4	-04 30 20	51	0.0090	0.0018	37.6	19.4	5.0	2.6	0	15.1	H
1320	2	05 31 54.4	-04 35 56	55	0.0061	0.0017	23.6	19.4	3.6	3.6	0	17.3	H
1324	3	05 32 02.1	-03 55 35	51	*0.0213	0.0042	35.7	13.3	5.1	1.2	703	31.7	EH
1334	4	05 32 18.5	-04 25 12	41	0.0097	0.0017	47.5	23.5	5.6	1.6	0	7.6	H
1339	5	05 32 22.8	-04 50 02	51	0.0165	0.0028	48.9	18.1	6.0	11.2	0	26.4	H
1349	6	05 32 33.5	-04 14 02	41	0.0102	0.0018	46.8	22.2	5.6	0.8	0	11.6	H
1360	7	05 32 46.8	-04 53 38	50	0.0257	0.0035	67.4	15.6	7.4	6.8	500	28.4	AH
1364	8	05 32 47.5	-04 46 37	48	*0.0374	0.0035	129.8	14.2	10.8	4.9	1109	21.5	A
1365	9	05 32 49.4	-04 42 01	51	0.0102	0.0019	40.7	18.3	5.3	21.8	500	16.9	H
1372	10	05 32 55.0	-04 27 01	36	0.0064	0.0015	33.9	25.1	4.4	0.7	0	2.5	H

Source Table cont.

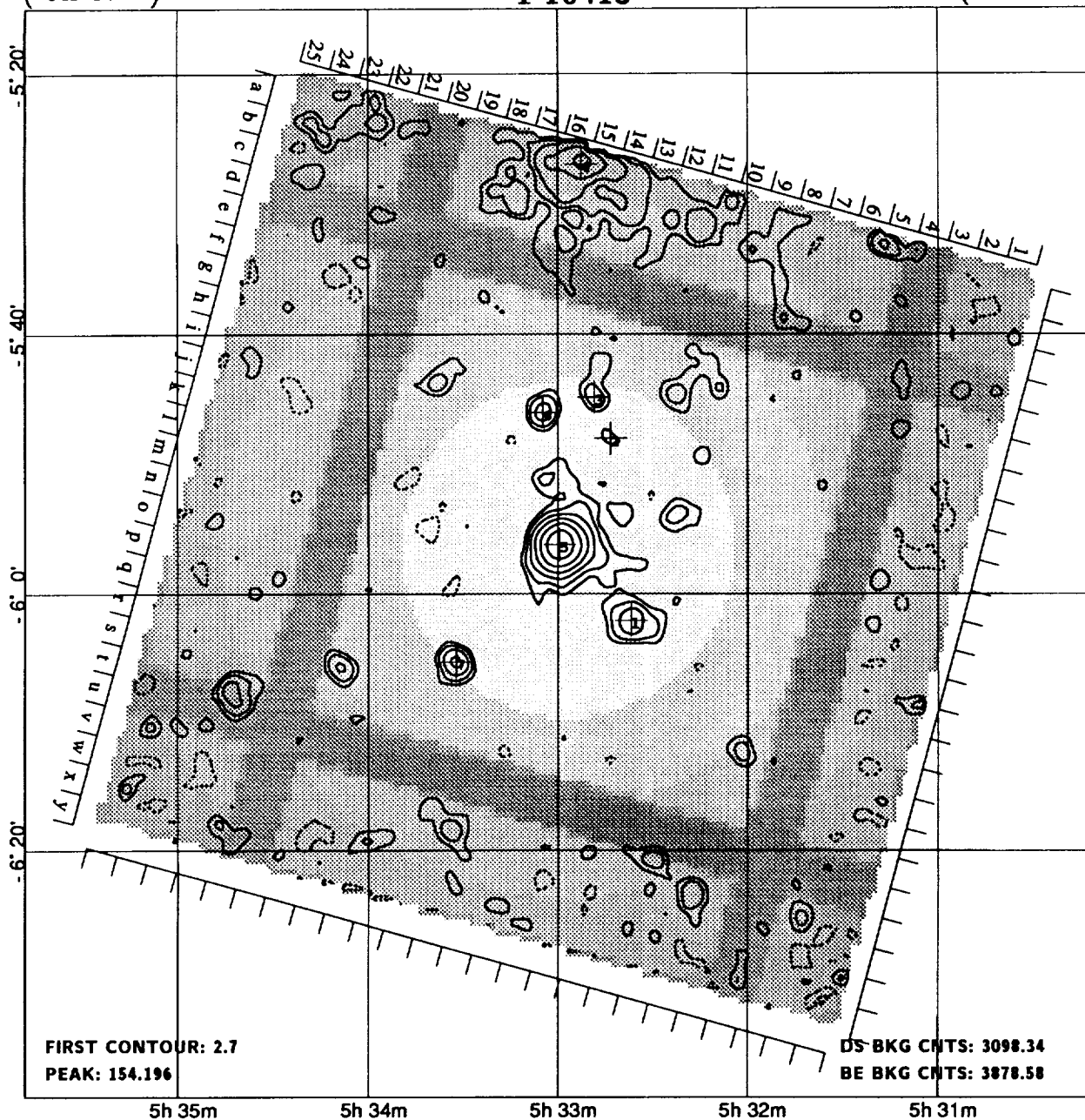
I 9256 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1374	11	05 32 57.6	-04 51 25	51	0.0148	0.0026	43.1	14.9	5.7	15.8	0	24.6	AH	
1382	12	05 33 03.5	-04 22 52	35	0.0102	0.0017	52.9	25.1	6.0	3.1	0	4.3	H	
1386	13	05 33 12.6	-04 26 53	41	0.0134	0.0019	67.9	28.1	6.9	2.1	0	6.2	H	
1387	14	05 33 13.5	-04 50 03	50	0.0134	0.0025	40.5	16.5	5.4	13.1	0	25.5	H	
1394	15	05 33 17.8	-04 20 02	42	0.0086	0.0017	41.8	23.2	5.2	1.1	0	9.2	H	
1400	16	05 33 23.9	-04 31 47	42	0.0080	0.0017	37.8	26.2	4.7	0.8	0	11.1		
1402	17	05 33 26.6	-04 49 36	51	0.0096	0.0023	28.4	18.6	4.1	0.8	0	26.4	A	

(5h 32m)

I 10413

(5h 32m)



IOTA ORI, VARIABILITY IN O STARS

FIELD CENTER: $05^h 32^m 59.0^s$ $-05^\circ 56' 59''$ (B1950)
 $05^h 35^m 25.8^s$ $-05^\circ 55' 07''$ (J2000)
 $l: 209.53$ $b: -19.59$

DATE: 1981/ 47 - 1981/ 47
 LIVETIME: 2510.7s
 ROLL ANGLE: 105.3°

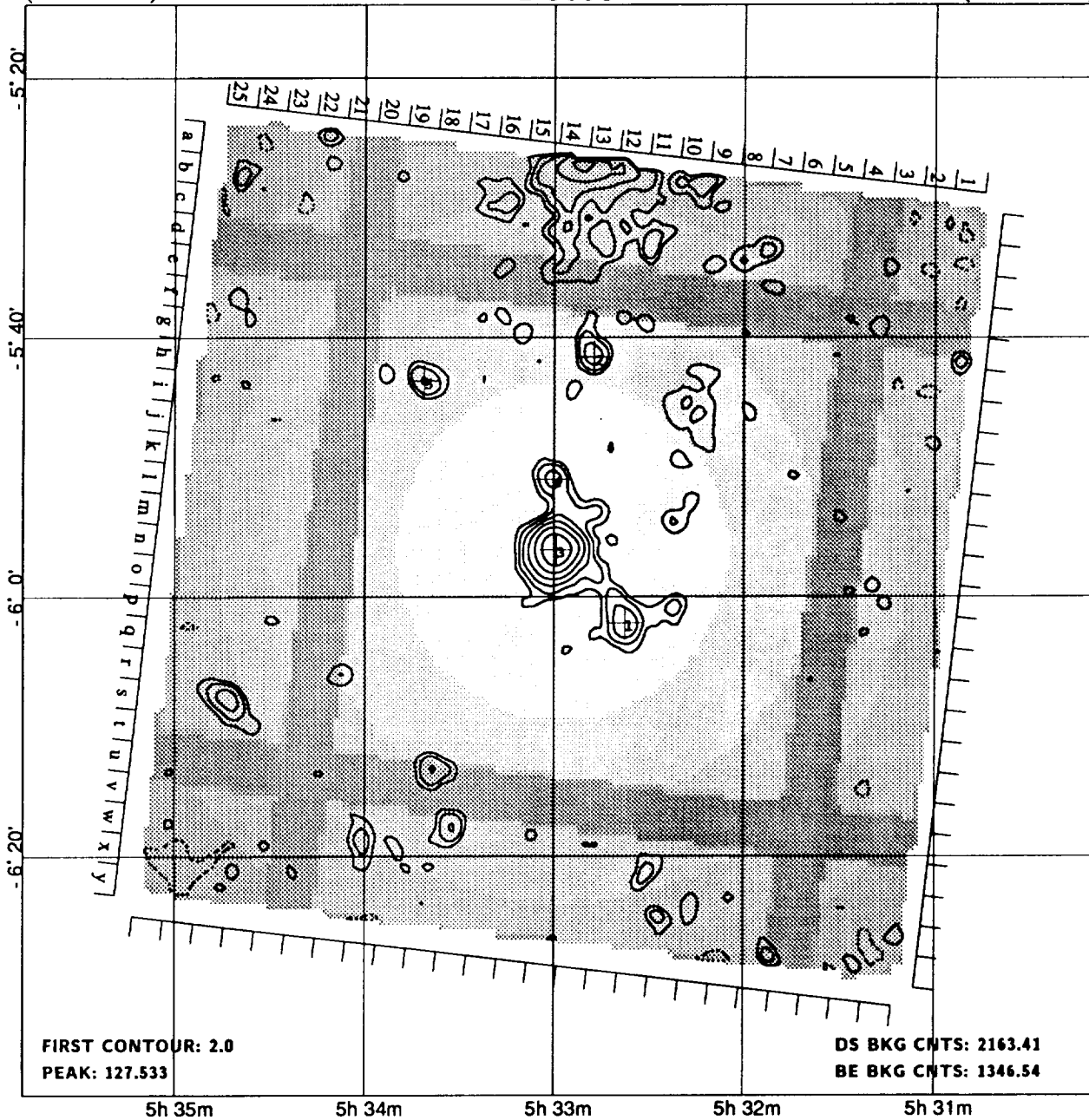
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1353	1L	05 32 36.9	-06 02 04	38	0.0332	0.0065	57.7	32.3	5.0	1.3	0	7.6	A	
1358	2L	05 32 43.3	-05 48 05	48	0.0144	0.0038	24.4	6.6	3.6	0.3	0	9.7		†
1369	3L	05 32 48.5	-05 44 55	42	0.0186	0.0048	30.1	12.9	3.7	1.1	0	12.2	A	†
1366	4L	05 32 52.6	-05 27 02	48	*0.074	0.016	73.2	49.4	4.8	3.7	601	30.1	AI	S
1377	5L	05 32 59.5	-05 56 17	31	0.310	0.016	579.0	125.0	18.8	1.5	0	0.6	A	S
1384	6L	05 33 04.8	-05 46 05	41	0.0357	0.0057	58.9	9.1	6.1	0.8	0	10.9	A	
1407	7L	05 33 32.2	-06 05 18	38	0.0532	0.0069	84.6	9.4	7.6	0.9	0	11.7		

(5h 32m)

I 5095

(5h 32m)



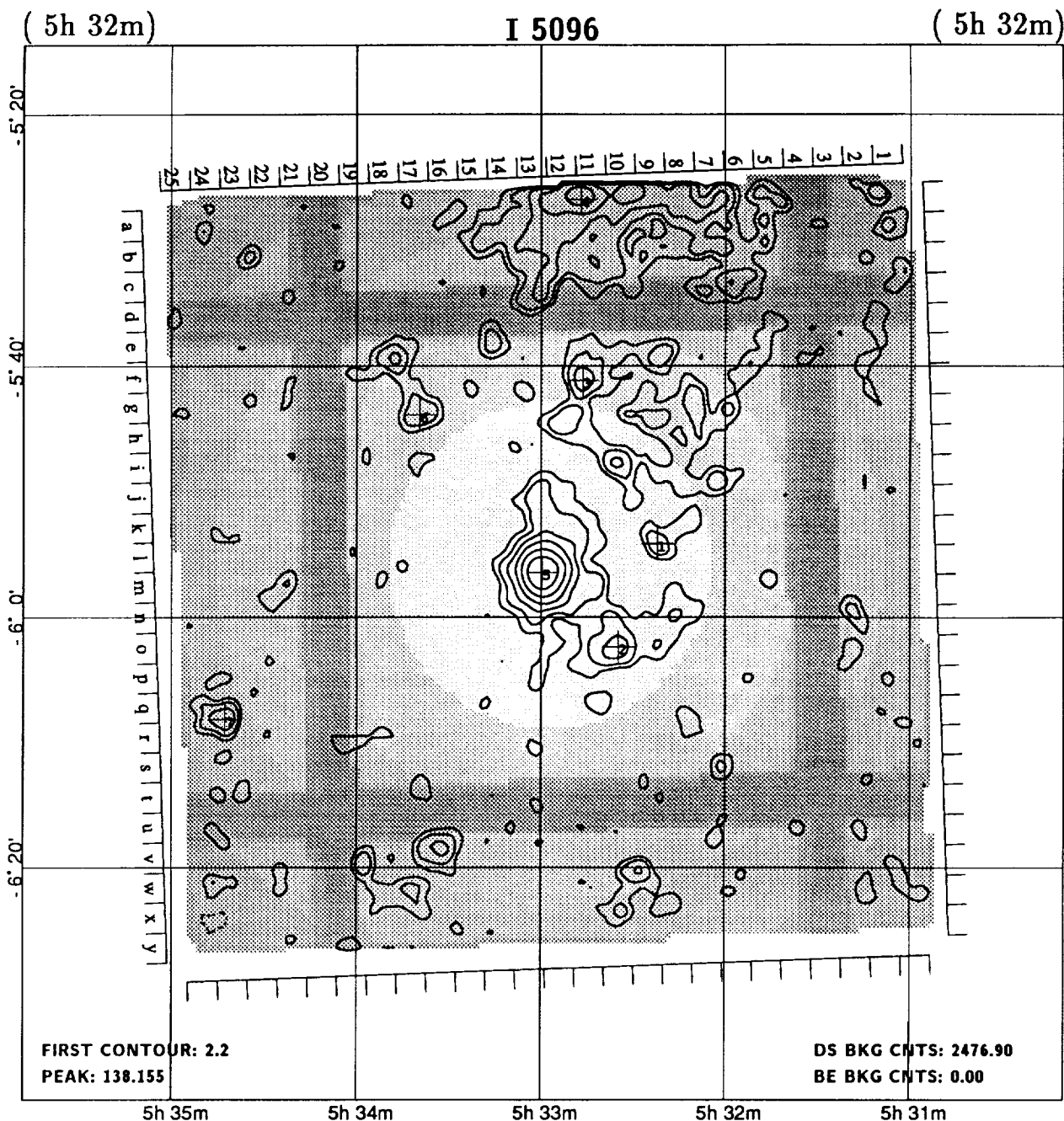
STAR IOTA ORI(HD 37043)

FIELD CENTER: 05^h32^m59.0^s -05°56'27" (B1950)
05^h35^m25.0^s -05°54'35" (J2000)
ℓ: 209.52 b: -19.58

DATE: 1980/ 65 - 1980/ 65
LIVETIME: 1753.1s
ROLL ANGLE: 96.6°

NH: 1.6E+21
REF/ID:
FIELD FLAGS: CLS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1353	1L	05 32 37.6	-06 02 00	41	0.0397	0.0079	48.2	17.8	4.9	15.3	0	7.8	A	
1361	2L	05 32 47.4	-05 41 30	50	0.0324	0.0072	33.4	7.6	4.4	0.9	0	15.3	A	
1377	3L	05 32 59.4	-05 56 21	31	0.366	0.021	477.9	106.1	17.0	1.7	0	0.1	A	S
1378	4L	05 33 00.4	-05 50 54	41	0.0293	0.0067	36.4	13.6	4.2	23.0	0	5.4	A	
1410	5L	05 33 41.3	-05 43 17	51	0.0320	0.0067	31.3	2.7	4.6	0.9	0	16.5	A	

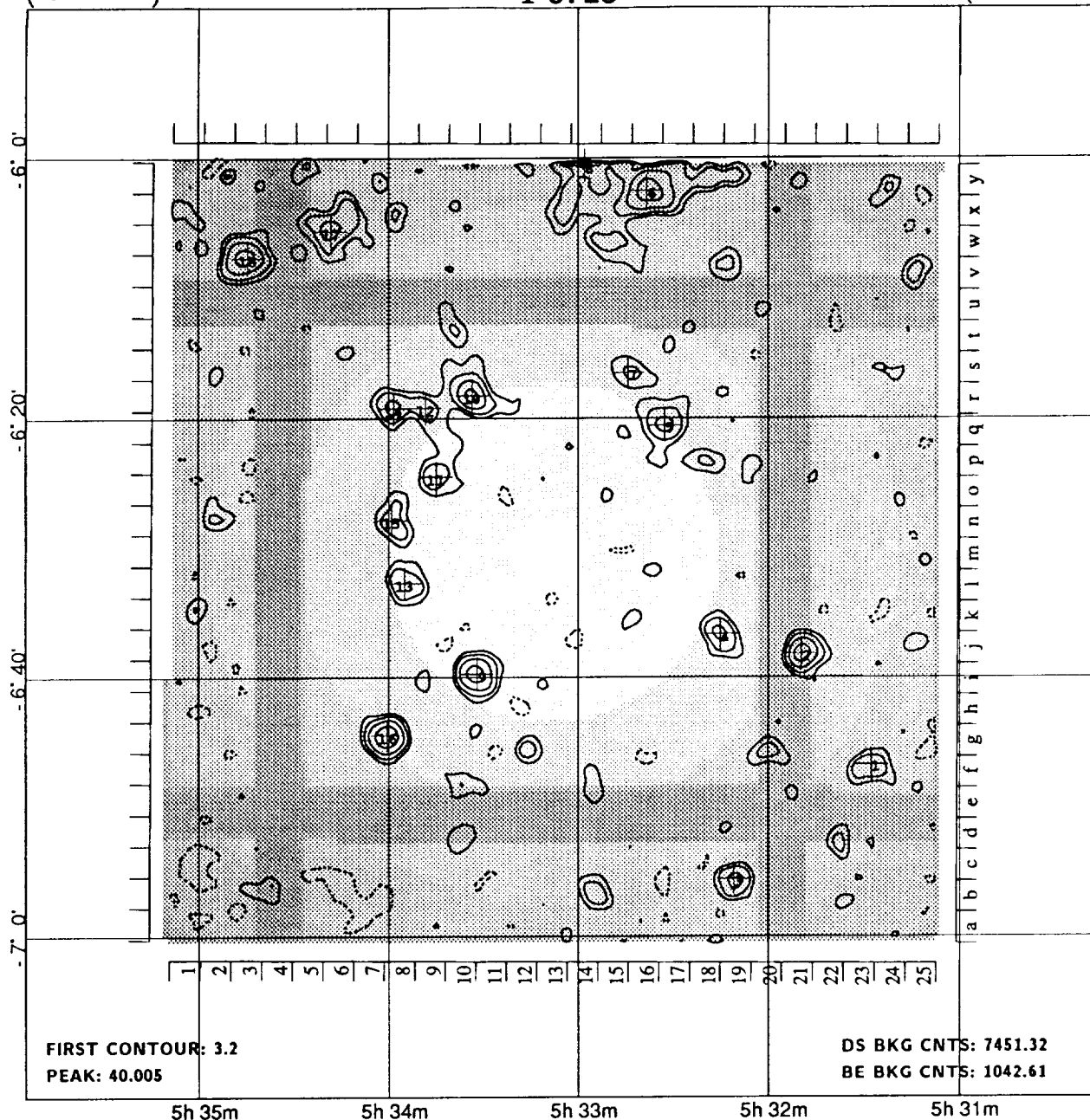


CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1338	1L	05 32 22.0	-05 54 07	42	0.0181	0.0049	24.7	8.3	3.5	1.3	0	9.4		
1353	2L	05 32 34.8	-06 02 19	41	0.0318	0.0067	43.6	16.4	4.6	22.9	0	8.5	A	
1361	3L	05 32 46.4	-05 41 09	50	0.0317	0.0069	37.8	11.2	4.5	6.7	0	15.8	A	
1366	4L	05 32 47.0	-05 26 48	48	0.088	0.019	63.0	46.0	4.6	6.0	600	30.0	A	S
1377	5L	05 32 59.6	-05 56 28	31	0.339	0.020	506.3	132.7	17.2	2.1	0	0.3	A	S
1410	6L	05 33 39.6	-05 43 51	51	0.0224	0.0059	25.8	8.2	3.6	2.3	0	16.2	A	
1441	7L	05 34 42.7	-06 08 10	51	0.0340	0.0088	25.0	6.0	3.7	1.1	0	28.1	A	

(5h 33m)

I 8725

(5h 33m)



H-H 34, OBSERVATIONS OF INTERSTELLAR BULLETS

FIELD CENTER: $05^h 33^m 05.4^s$ $-06^\circ 30' 27''$ (B1950)
 $05^h 35^m 31.6^s$ $-06^\circ 28' 35''$ (J2000)
 $l: 210.07$ $b: -19.82$

DATE: 1980/263 - 1980/264
 LIVETIME: 6038.0s
 ROLL ANGLE: -89.7°

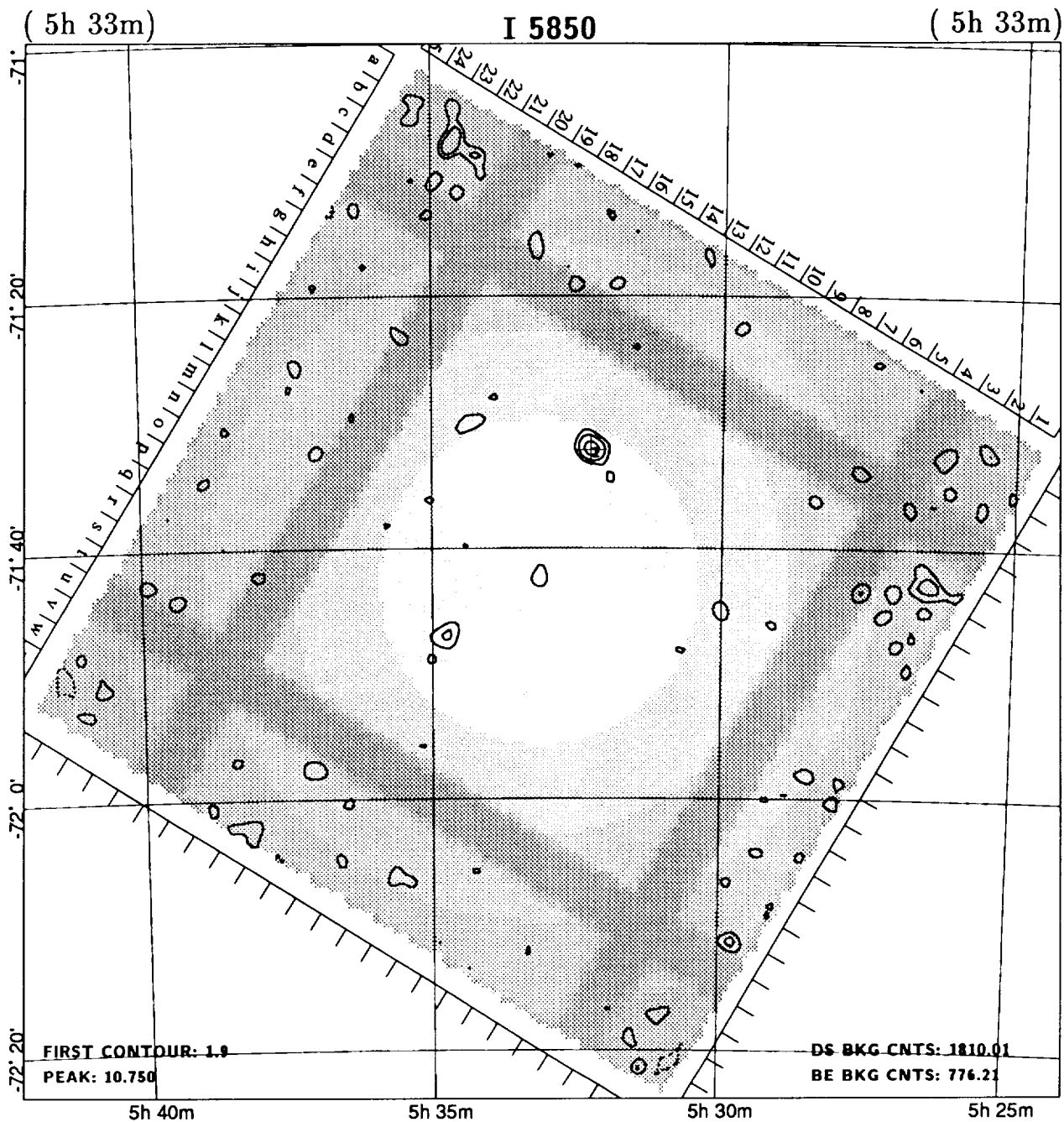
NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1308	1	05 31 27.6	-06 46 48	55	0.0119	0.0029	25.4	13.6	4.1	1.0	0	29.0	H	
1316	2	05 31 49.6	-06 38 12	48	*0.0269	0.0032	80.5	10.5	8.4	0.9	1109	20.3	H	
1328	3	05 32 10.9	-06 55 37	52	0.0148	0.0031	32.7	13.3	4.8	0.8	0	28.3	H	
1332	4	05 32 15.1	-06 36 42	41	0.0133	0.0022	48.1	16.9	6.0	1.0	0	13.3	A	S
1347	5	05 32 32.6	-06 20 32	41	0.0154	0.0024	58.0	20.0	6.6	1.2	0	12.9	AH	S
1353	6	05 32 38.3	-06 02 31	50	0.0344	0.0043	76.8	15.2	8.0	3.0	500	28.9	AH	
1359	7	05 32 44.2	-06 16 33	54	0.0076	0.0019	27.1	17.9	4.0	0.9	0	15.2		
1375	8	05 32 58.0	-06 00 35	53	*0.0192	0.0048	23.2	10.8	4.0	16.5	906	30.1	EH	
1406	9	05 33 32.1	-06 39 45	38	0.0313	0.0030	123.2	19.8	10.3	1.0	0	11.4	AH	
1408	10	05 33 33.6	-06 18 17	38	0.0239	0.0028	88.4	18.6	8.5	2.7	0	14.0	AH	S

Source Table cont.

I 8725 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1414	11	05 33 45.0	-06 24 32	41	0.0101	0.0019	40.0	19.0	5.2	6.1	0	11.8	H	
1415	12	05 33 48.3	-06 19 14	51	0.0085	0.0019	30.5	14.5	4.5	6.4	0	15.7		†
1418	13	05 33 55.0	-06 32 46	41	0.0117	0.0020	45.4	16.6	5.8	1.0	0	12.6	AH	S
1422	14	05 33 58.5	-06 19 15	50	0.0135	0.0023	45.9	16.1	5.8	4.7	0	17.6	AH	S
1421	15	05 33 59.1	-06 27 56	42	0.0111	0.0021	41.9	18.1	5.4	1.1	0	13.8	A	S
1420	16	05 34 00.5	-06 44 30	48	0.0357	0.0036	112.8	16.2	9.9	1.0	0	19.6	AH	S
1430	17	05 34 18.3	-06 05 41	52	0.0155	0.0032	32.2	10.8	4.9	1.6	500	30.8	H	
1441	18	05 34 44.4	-06 07 45	50	*0.0305	0.0045	55.3	10.7	6.8	1.1	1003	33.6	AH	



LMC SURVEY:

FIELD CENTER: $05^h 33^m 07.0^s$ $-71^\circ 41' 59''$ (B1950)
 $05^h 32^m 20.3^s$ $-71^\circ 40' 00''$ (J2000)
 $l: 282.54$ $b: -31.84$

DATE: 1980/ 42 - 1980/ 42
 LIVETIME: 1466.7s
 ROLL ANGLE: 121.2°

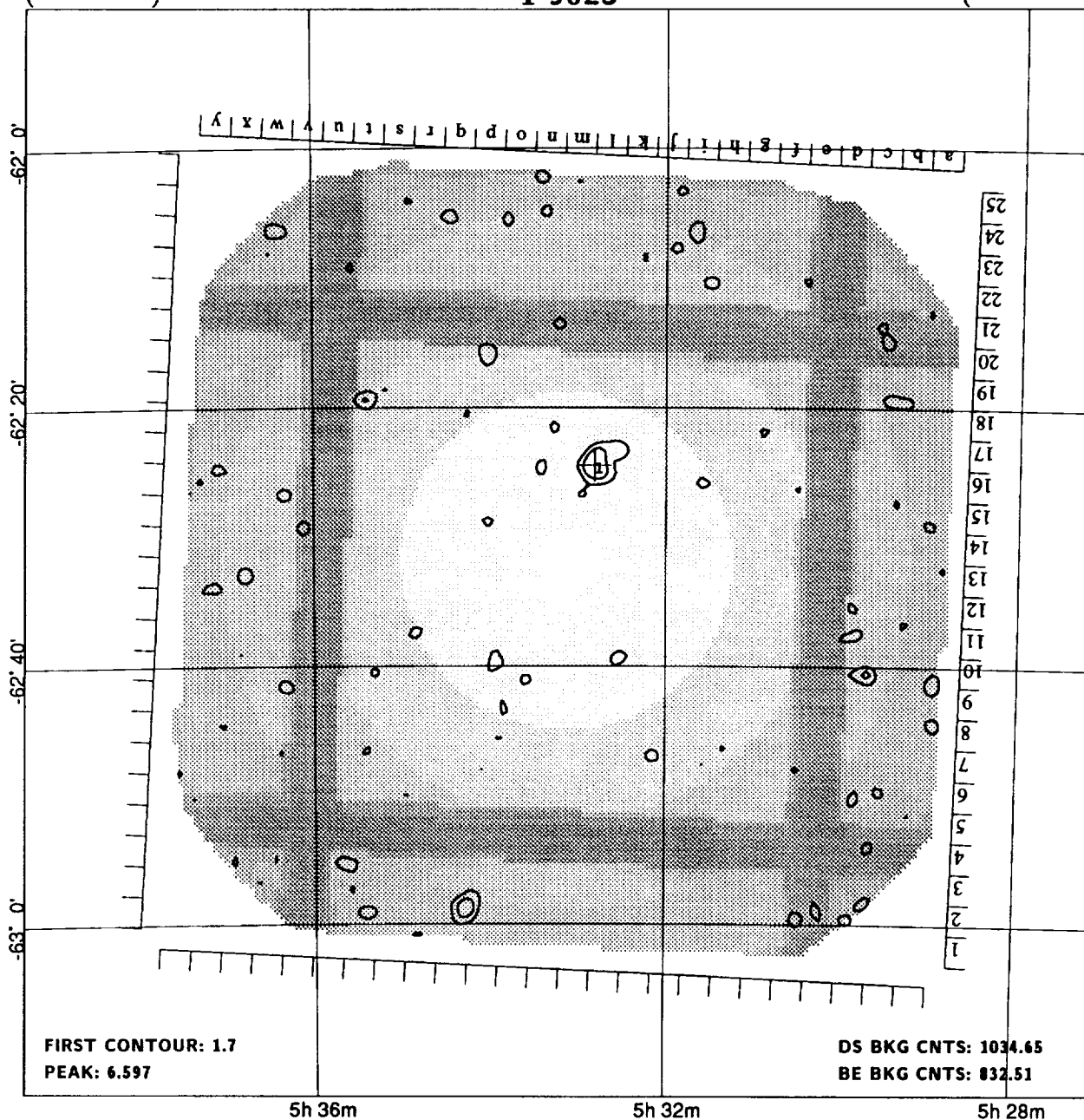
NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1337	1	05 32 15.6	-71 32 13	42	0.0289	0.0061	27.6	6.4	4.7	0.8	0	10.6	A	*

(5h 33m)

I 9025

(5h 33m)



FIELD CENTER: $05^h 33^m 11.3^s$ $-62^\circ 31' 19''$ (B1950)
 $05^h 33^m 37.5^s$ $-62^\circ 29' 23''$ (J2000)
 $l: 271.73$ $b: -32.77$

DATE: 1980/347 - 1980/347
 LIVETIME: 838.4s
 ROLL ANGLE: -177.3°

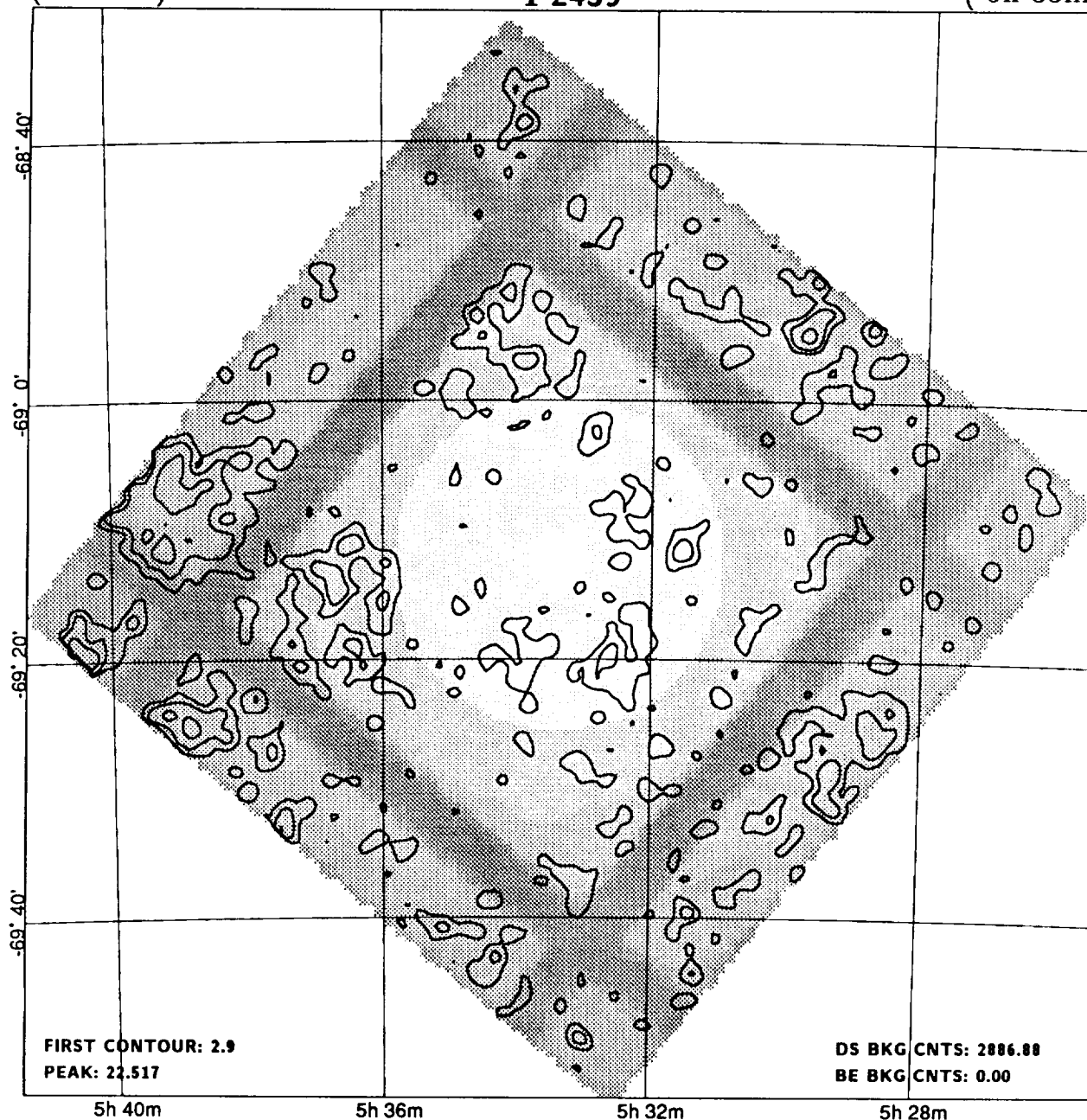
NH: $4.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1363	1	05 32 48.7	-62 24 31	42	0.0398	0.0091	23.1	4.9	4.4	1.0	0	7.4	H	

(5h 33m)

I 2439

(5h 33m)

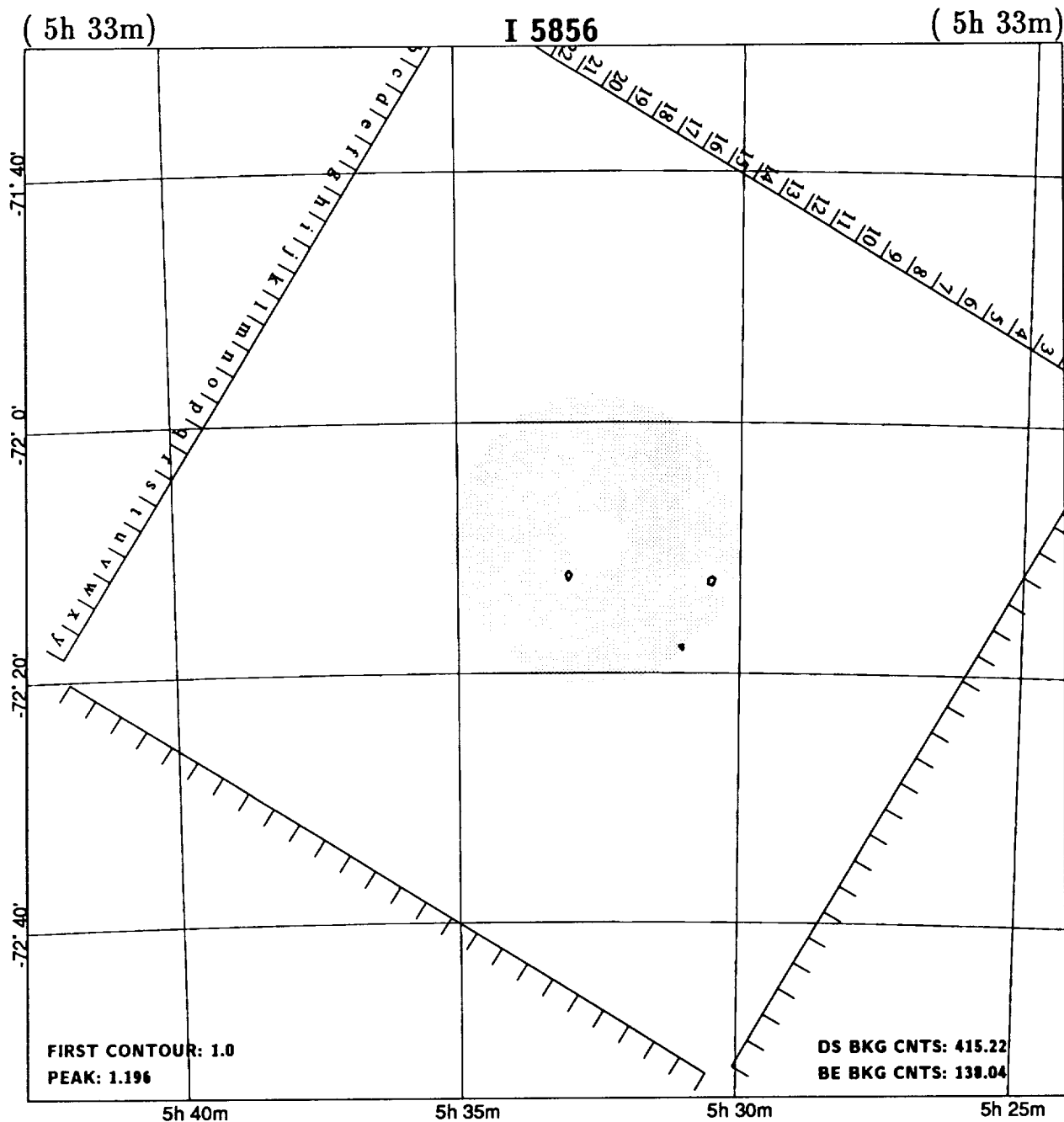


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 33^m 21.6^s$ $-69^\circ 11' 59''$ (B1950)
 $05^h 33^m 00.7^s$ $-69^\circ 10' 02''$ (J2000)
 $l: 279.62$ $b: -32.17$

DATE: 1979/101 - 1979/312
LIVETIME: 2339.3s

NH: $8.7E+20$
REF/ID:
FIELD FLAGS: L



LMC SURVEY:

FIELD CENTER: $05^h 33^m 26.0^s$ $-72^\circ 11' 59''$ (B1950)
 $05^h 32^m 33.2^s$ $-72^\circ 10' 01''$ (J2000)
 l : 283.12 b : -31.74

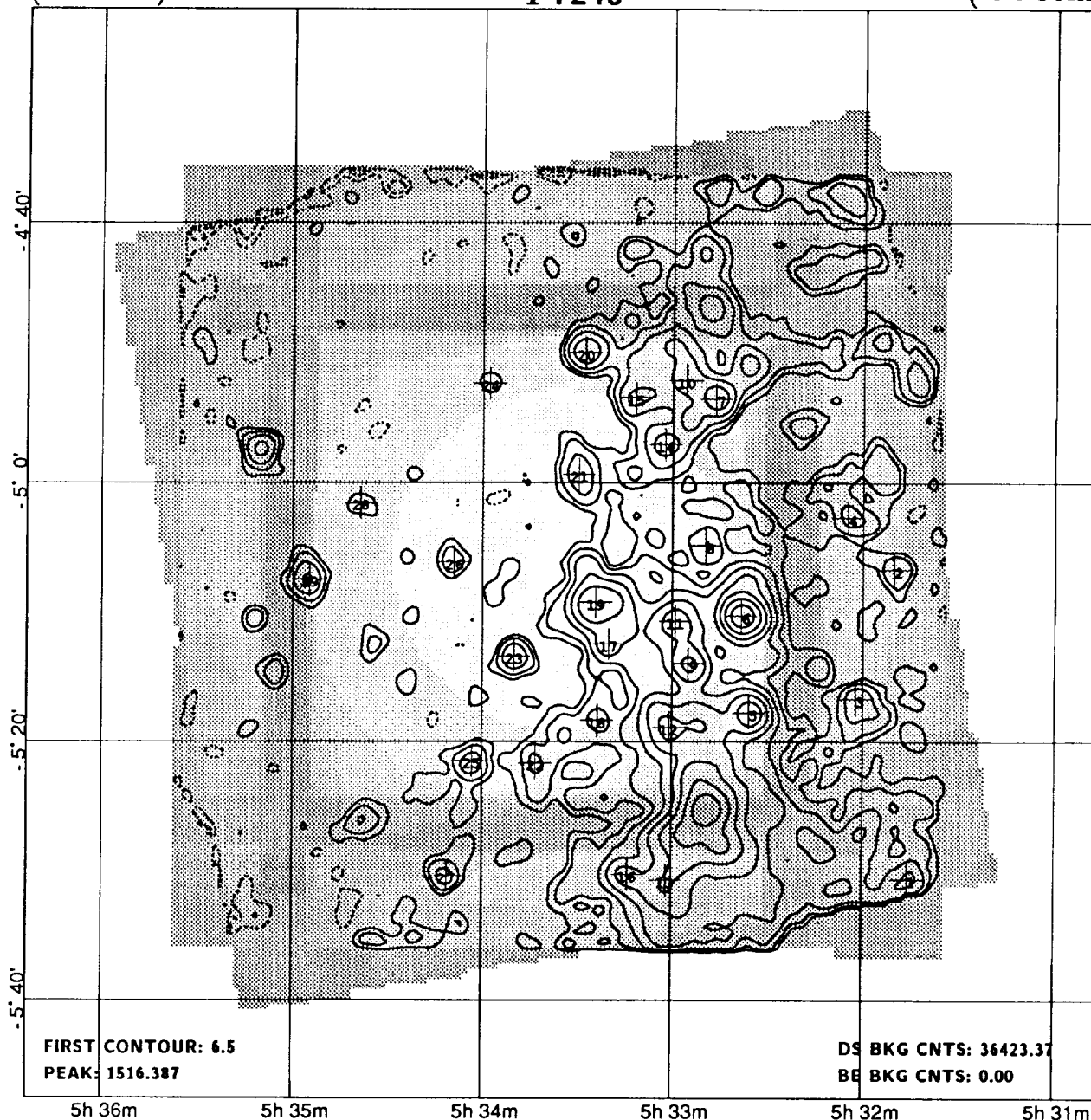
DATE: 1980/ 42 - 1980/ 42
 LIVETIME: 336.5s
 ROLL ANGLE: 121.4°

NH: $7.9E+20$
 REF/ID:
 FIELD FLAGS:

(5h 33m)

I 7248

(5h 33m)



HH 41,42, HERBIG HARO OBJECTS

FIELD CENTER: $05^h 33^m 35.0^s$ $-05^\circ 05' 34''$ (B1950)
 $05^h 36^m 02.0^s$ $-05^\circ 03' 44''$ (J2000)
 $l: 208.79$ $b: -19.06$

DATE: 1980/265 - 1980/285
 LIVETIME: 29514.8s

NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1313	1L	05 31 45.8	-05 30 33	51	0.0086	0.0022	58.8	82.2	3.7	196.8	300	36.6		
1317	2L	05 31 50.4	-05 06 43	55	0.0048	0.0011	57.9	62.1	4.2	1.0	0	26.0	A	
1325	3L	05 32 02.2	-05 16 43	50	0.0076	0.0014	94.3	80.7	5.5	289.3	400	25.6		*
1326	4L	05 32 04.7	-05 02 42	50	0.0053	0.0012	72.6	87.4	4.5	343.3	0	22.5	A	S
1350	5L	05 32 35.8	-05 17 46	47	0.0505	0.0026	786.0	299.0	19.4	37.8	500	19.1	A	S
1354	6L	05 32 38.2	-05 10 15	37	0.1148	0.0031	2008.3	240.7	37.3	20.0	0	14.9	A	*
1360	7L	05 32 46.4	-04 53 35	47	0.0242	0.0018	393.1	190.9	13.5	75.7	100	17.0	A	
1367	8L	05 32 49.5	-05 04 52	41	0.00449	0.00089	85.6	99.4	5.0	426.6	0	11.4		
1371	9L	05 32 54.9	-05 13 59	37	0.0359	0.0020	663.7	286.3	18.1	50.4	0	13.1	A	S
1374	10L	05 32 55.8	-04 52 10	47	0.0067	0.0015	110.6	272.4	4.3	144.7	500	17.9	A	

Source Table cont.

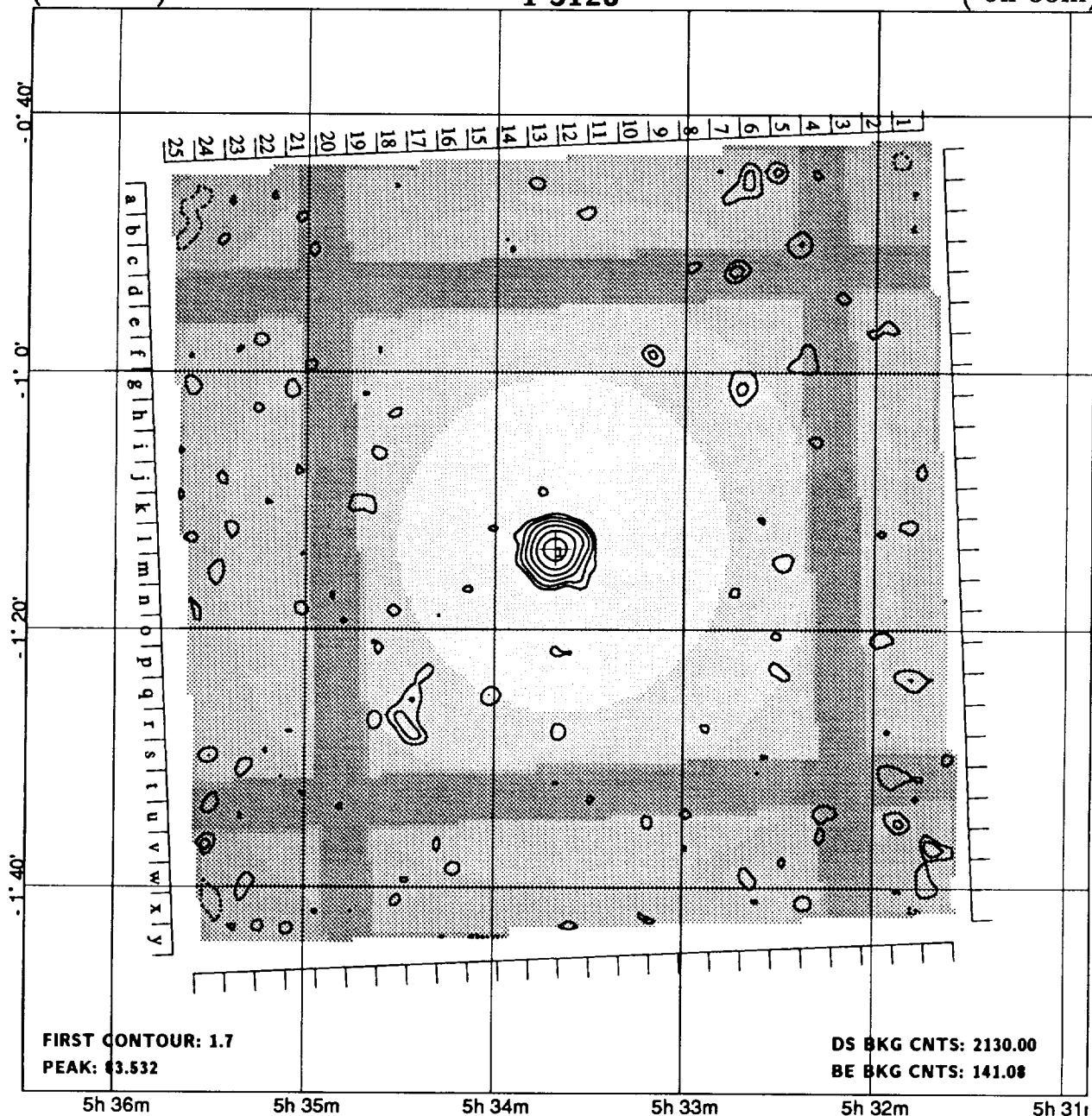
I 7248 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1376	11L	05 32 59.1	-05 10 39	37	0.0205	0.0017	400.6	350.4	11.8	69.7	0	10.3	A	S
1379	12L	05 33 00.9	-05 18 53	47	0.0299	0.0024	515.3	605.7	12.3	38.9	0	15.6		S
1380	13L	05 33 01.7	-05 30 38	47	0.0161	0.0028	196.9	514.1	5.7	43.4	0	26.4		†
1381	14L	05 33 02.3	-04 57 03	38	0.0094	0.0013	175.9	200.1	7.2	155.4	0	11.7	A	S
1385	15L	05 33 11.8	-04 53 30	38	0.0074	0.0012	132.0	178.0	5.9	184.2	0	13.2		
1388	16L	05 33 13.8	-05 30 11	47	0.0184	0.0020	236.2	215.8	8.9	79.7	500	25.0	A	S
1395	17L	05 33 20.1	-05 12 29	38	0.0058	0.0013	117.8	310.2	4.4	131.1	0	7.7		
1399	18L	05 33 23.6	-05 18 20	38	0.00381	0.00098	70.9	133.1	3.8	321.3	0	13.0		
1401	19L	05 33 24.2	-05 09 12	31	0.0296	0.0019	628.7	440.3	15.8	53.5	0	4.5	a	†
1402	20L	05 33 27.7	-04 49 59	47	0.0154	0.0014	260.2	105.8	10.9	144.8	500	15.7	A	
1404	21L	05 33 29.6	-04 59 20	38	0.00637	0.00099	131.1	139.9	6.3	277.5	0	6.3		
1412	22L	05 33 43.1	-05 21 39	50	0.00471	0.00099	80.6	105.4	4.6	374.8	0	16.3		
1417	23L	05 33 49.9	-05 13 26	38	0.00866	0.00097	175.2	93.8	8.8	1.0	0	8.7	A	
1419	24L	05 33 57.9	-04 52 22	46	0.00362	0.00075	63.5	51.5	4.7	0.5	0	14.5		
1424	25L	05 34 03.2	-05 21 29	48	0.0062	0.0010	102.7	82.3	6.1	1.5	0	17.3		
1427	26L	05 34 09.0	-05 06 08	41	0.00359	0.00080	72.4	93.6	4.4	0.7	0	8.5		
1428	27L	05 34 11.1	-05 30 18	51	*0.0076	0.0014	93.6	45.9	5.1	1.1	803	26.4		
1439	28L	05 34 38.7	-05 01 34	57	0.00284	0.00077	48.0	60.0	3.6	0.6	0	16.4		
1446	29L	05 34 54.7	-05 07 27	48	*0.0078	0.0017	119.5	51.5	4.5	1.1	906	20.0		

(5h 33m)

I 3128

(5h 33m)



CORONAL EMISSION FROM OB SUPERGIANTS: EPSILON ORI

FIELD CENTER: $05^h 33^m 40.0^s$ $-01^\circ 13' 53''$ (B1950)
 $05^h 36^m 12.3^s$ $-01^\circ 12' 04''$ (J2000)
 $l: 205.21$ $b: -17.24$

DATE: 1979/ 85 - 1979/ 85
 LIVETIME: 1726.0s
 ROLL ANGLE: 87.4°

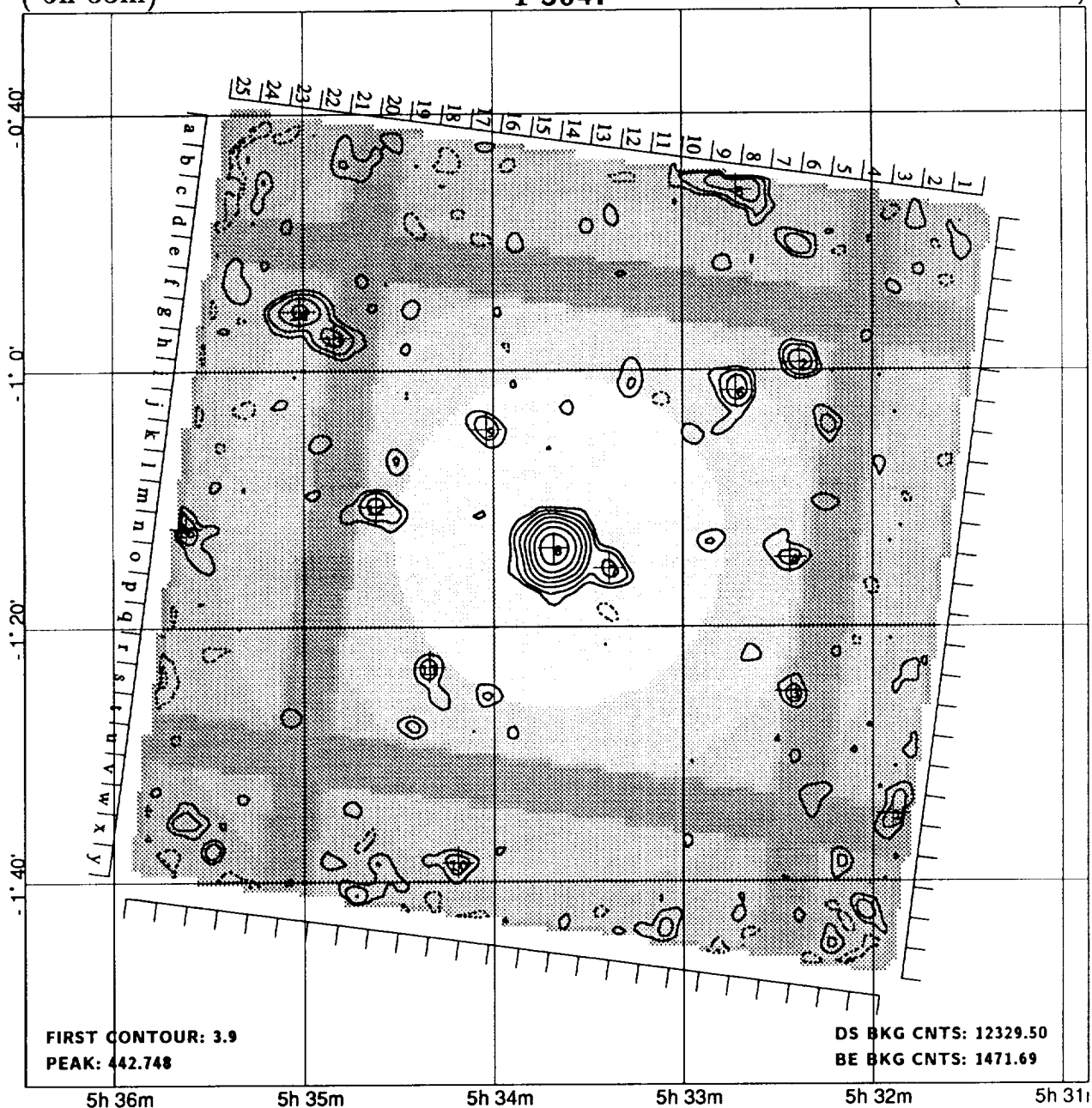
NH: $4.4E+21$
 REF/ID: S
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1411	1	05 33 40.8	-01 13 42	31	0.284	0.015	365.0	6.0	19.0	1.4	0	0.4	AH	S

(5h 33m)

I 5047

(5h 33m)



FIELD CENTER: 05^h33^m40.0^s -01°13'53" (B1950)
05^h36^m12.3^s -01°12'04" (J2000)
ℓ: 205.21 b: -17.24

DATE: 1980/ 61 - 1980/ 61
LIVETIME: 9990.9s
ROLL ANGLE: 97.6°

NH: 4.4E+21
REF/ID: S
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1319	1	05 31 53.7	-01 34 44	66	*0.0087	0.0024	22.8	16.2	3.7	1.1	1106	33.6	EH
1340	2	05 32 23.0	-00 59 23	50	0.0137	0.0020	62.3	23.7	6.7	0.9	100	24.2	H
1342	3	05 32 25.8	-01 25 04	56	*0.0046	0.0013	22.0	17.0	3.5	0.7	1006	21.6	H
1343	4	05 32 26.1	-01 14 32	55	0.0056	0.0013	30.4	20.6	4.3	1.0	0	17.5	H
1356	5	05 32 42.9	-00 45 53	55	*0.0155	0.0025	46.8	11.2	6.1	2.0	603	31.5	H
1357	6	05 32 43.2	-01 01 33	50	0.0146	0.0019	78.6	24.4	7.7	1.0	0	19.3	H
1398	7	05 33 23.4	-01 15 21	34	0.0120	0.0015	86.4	34.6	7.9	36.6	0	4.4	H
1411	8	05 33 41.0	-01 13 47	31	0.2792	0.0062	2078.3	35.7	45.2	1.4	0	0.4	AH S
1423	9	05 34 02.3	-01 04 32	41	0.0070	0.0014	46.3	32.7	5.2	0.8	0	10.7	H
1429	10	05 34 11.3	-01 38 31	55	0.0067	0.0018	27.1	23.9	3.8	0.9	0	25.9	H

Source Table cont.

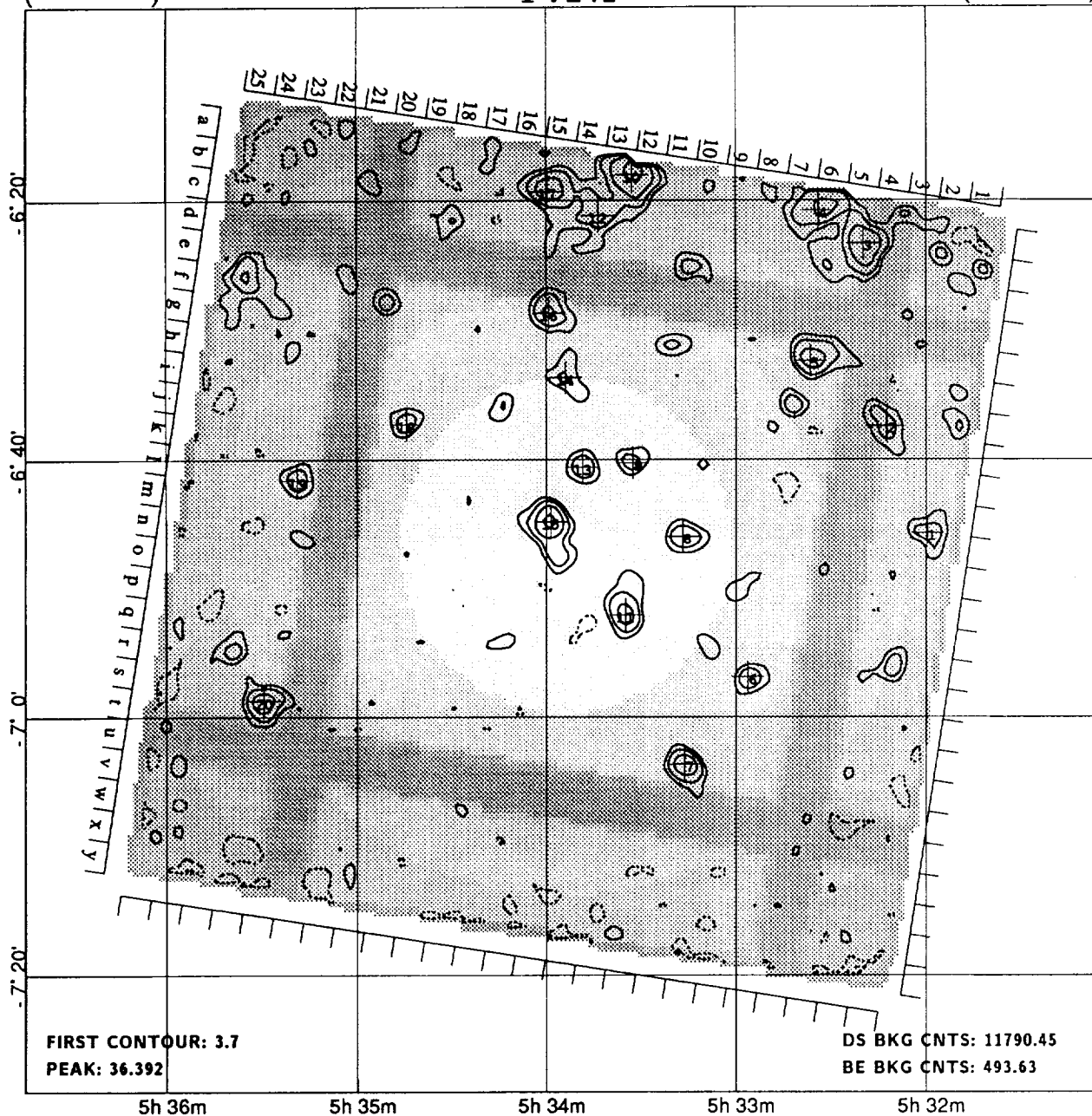
I 5047 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1432	11	05 34 20.3	-01 23 07	42	0.0055	0.0013	33.1	27.9	4.2	1.0	0	13.8		
1438	12	05 34 37.1	-01 10 34	41	0.0107	0.0016	63.8	28.2	6.7	1.1	600	14.7	H	
1444	13	05 34 50.4	-00 57 26	51	*0.0125	0.0019	56.1	14.9	6.7	3.1	1006	24.2		
1449	14	05 35 01.3	-00 55 19	49	0.0188	0.0025	73.7	25.3	7.4	1.9	0	27.6	H	
1458	15	05 35 37.0	-01 12 12	53	*0.0103	0.0025	28.1	18.9	4.1	1.2	703	29.3	EH	

(5h 33m)

I 7241

(5h 33m)



HH 1,2A,3, HERBIG HARO OBJECTS

FIELD CENTER: $05^h 33^m 54.9^s$ $-06^\circ 47' 01''$ (B1950)
 $05^h 36^m 20.7^s$ $-06^\circ 45' 13''$ (J2000)
 ℓ : 210.43 b : -19.76

DATE: 1980/ 61 - 1980/ 62
 LIVETIME: 9554.1s
 ROLL ANGLE: 98.8°

NH: $1.6E+21$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1321	1	05 31 59.7	-06 45 38	61	0.0067	0.0018	23.9	18.1	3.7	1.1	0	28.2		
1332	2	05 32 12.4	-06 37 25	61	*0.0073	0.0017	28.2	15.8	4.2	1.0	906	27.3	AH	S
1336	3	05 32 19.7	-06 23 16	51	*0.0173	0.0028	50.2	14.8	6.2	2.7	805	33.4	H	S
1347	4	05 32 33.8	-06 20 45	55	0.0123	0.0025	35.3	15.7	4.9	4.1	600	33.6	AH	S
1352	5	05 32 36.5	-06 32 22	50	0.0130	0.0020	55.7	18.3	6.5	1.2	500	24.4	H	S
1373	6	05 32 56.3	-06 56 53	51	0.0057	0.0014	29.8	21.2	4.2	0.8	0	17.5	H	S
1390	7	05 33 16.2	-07 03 42	50	0.0138	0.0020	68.7	25.3	7.1	0.9	300	19.2	H	S
1392	8	05 33 16.7	-06 45 56	41	0.0074	0.0014	47.6	28.4	5.5	0.8	0	9.5	H	S
1406	9L	05 33 32.6	-06 40 15	42	0.0059	0.0015	38.4	28.6	3.7	0.6	0	8.7	A	
1408	10	05 33 32.8	-06 18 01	50	*0.0260	0.0031	81.1	14.9	8.3	3.1	602	29.4	AH	S

Source Table cont.

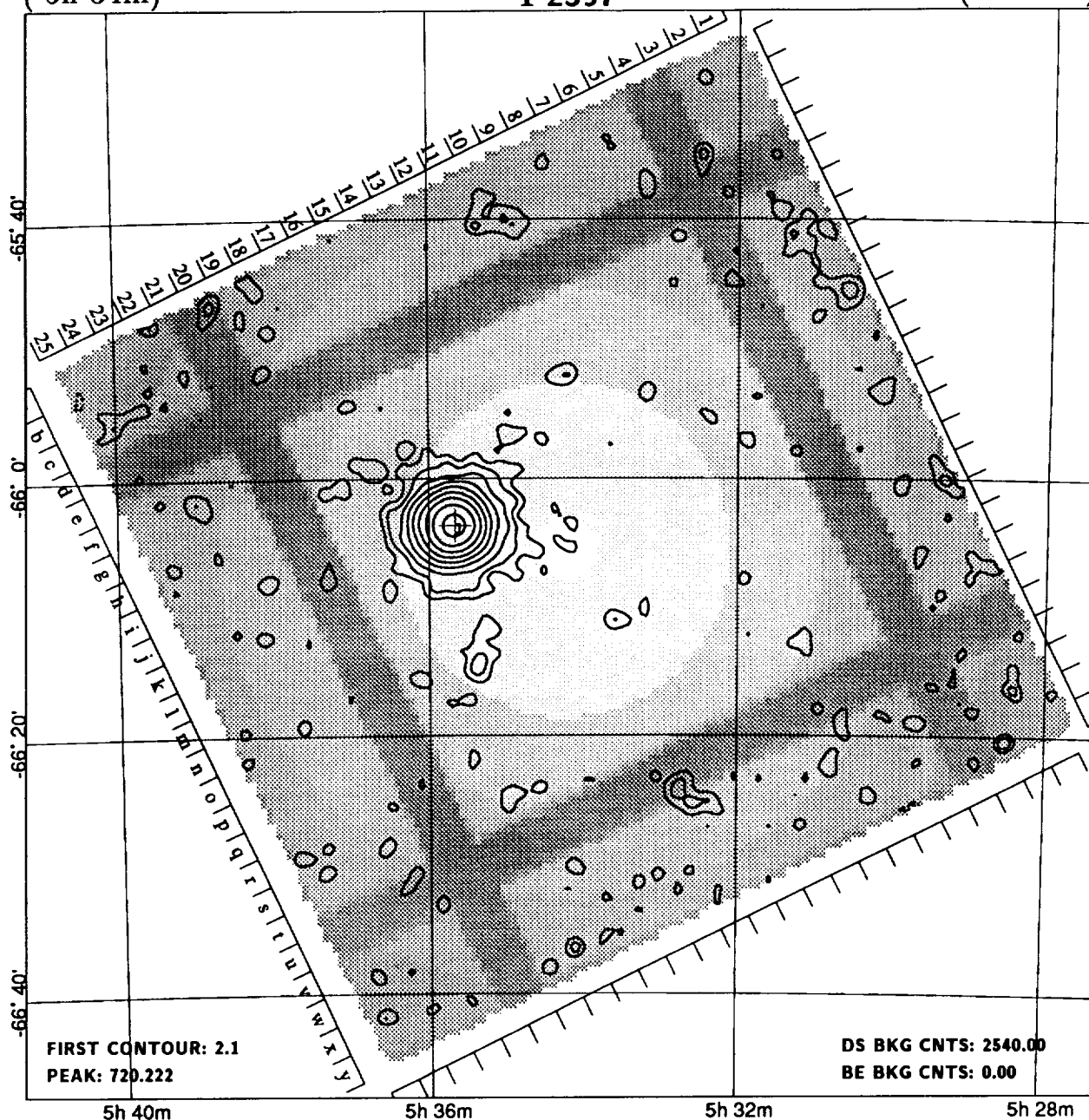
I 7241 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1409	11	05 33 34.9	-06 51 57	41	0.0117	0.0016	77.7	32.3	7.4	1.1	0	7.0	AH	S
1413	12	05 33 43.5	-06 21 10	55	0.0098	0.0019	39.4	20.6	5.1	7.5	0	26.6	H	S
1416	13	05 33 48.5	-06 40 35	41	0.0071	0.0013	47.8	32.2	5.3	0.8	0	6.7		S
1418	14	05 33 53.9	-06 33 39	46	0.0046	0.0012	27.6	25.4	3.8	0.9	0	13.5	AH	S
1420	15	05 33 58.7	-06 44 46	31	0.0190	0.0019	133.6	36.4	10.2	1.3	0	2.6	AH	S
1421	16	05 33 59.2	-06 28 42	51	*0.0094	0.0016	48.9	18.1	6.0	1.0	603	18.3	AH	S
1422	17	05 33 59.5	-06 19 18	51	0.0145	0.0023	54.4	20.6	6.3	4.5	0	27.9	AH	S
1442	18	05 34 44.3	-06 37 17	51	0.0057	0.0014	31.6	25.4	4.2	0.7	0	15.7	H	S
1452	19	05 35 18.8	-06 41 35	55	0.0064	0.0016	29.8	22.2	4.1	0.7	500	21.4	H	S
1457	20	05 35 29.3	-06 58 43	51	0.0115	0.0020	44.5	17.5	5.7	1.0	900	26.1	AH	S

(5h 34m)

I 2397

(5h 34m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 34^m 16.8^s$ $-66^\circ 05' 59''$ (B1950)
 $05^h 34^m 20.8^s$ $-66^\circ 04' 07''$ (J2000)
 $l: 275.96$ $b: -32.41$

DATE: 1979/100 - 1979/100
 LIVETIME: 2058.2s
 ROLL ANGLE: 64.3°

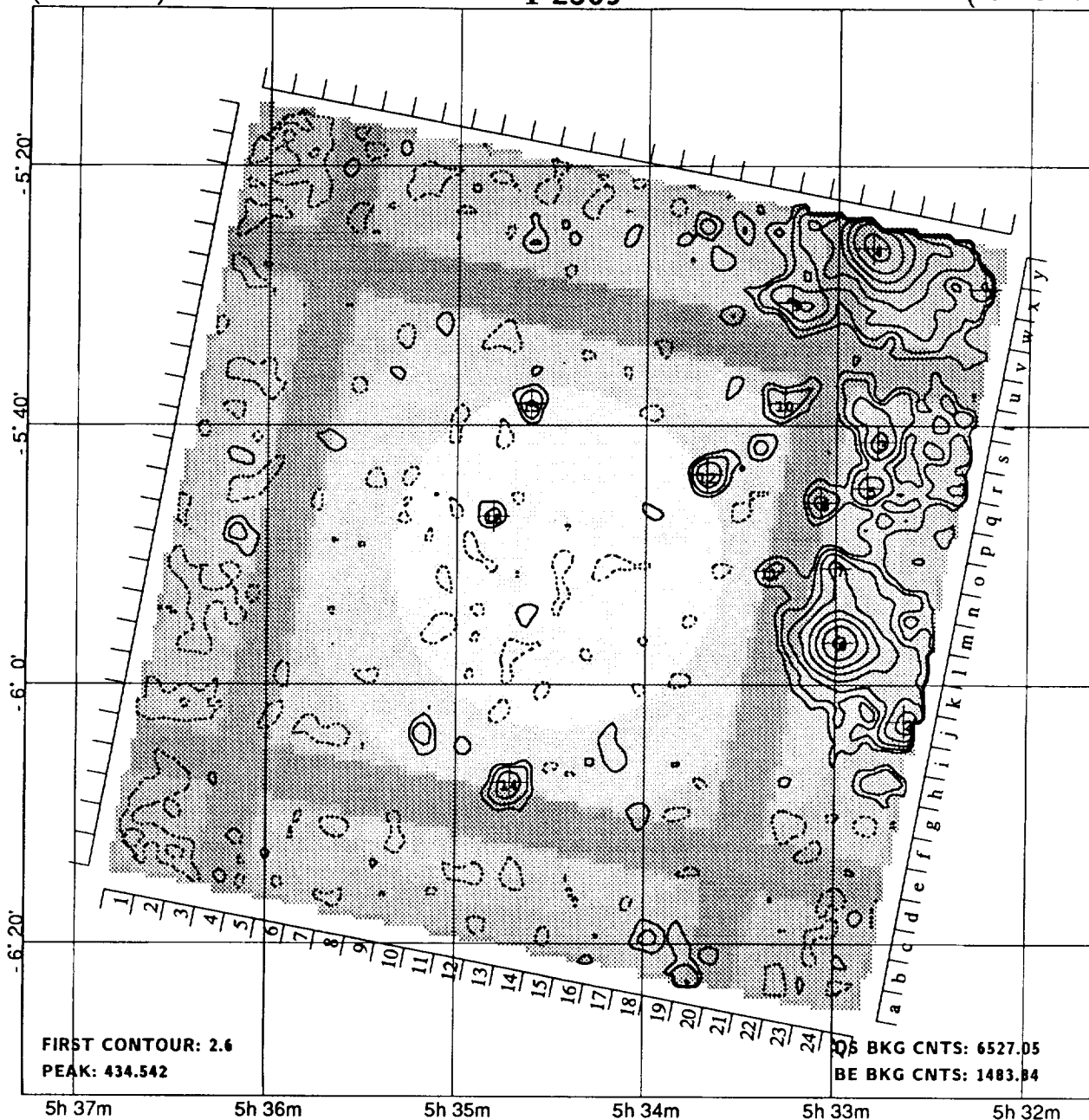
NH: $5.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1461	1L	05 35 39.7	-66 03 41	37	1.678	0.047	2337.0	777.0	35.7	1.6	0	8.7	A	SNR

(5h 34m)

I 2569

(5h 34m)



ENERGETIC MOLECULAR CLOUDS: ORION

FIELD CENTER: $05^h 34^m 27.3^s$ $-05^\circ 49' 51''$ (B1950)
 $05^h 36^m 54.2^s$ $-05^\circ 48' 05''$ (J2000)
 $l: 209.59$ $b: -19.21$

DATE: 1979/242 - 1979/242
 LIVETIME: 5289.1s
 ROLL ANGLE: -79.2°

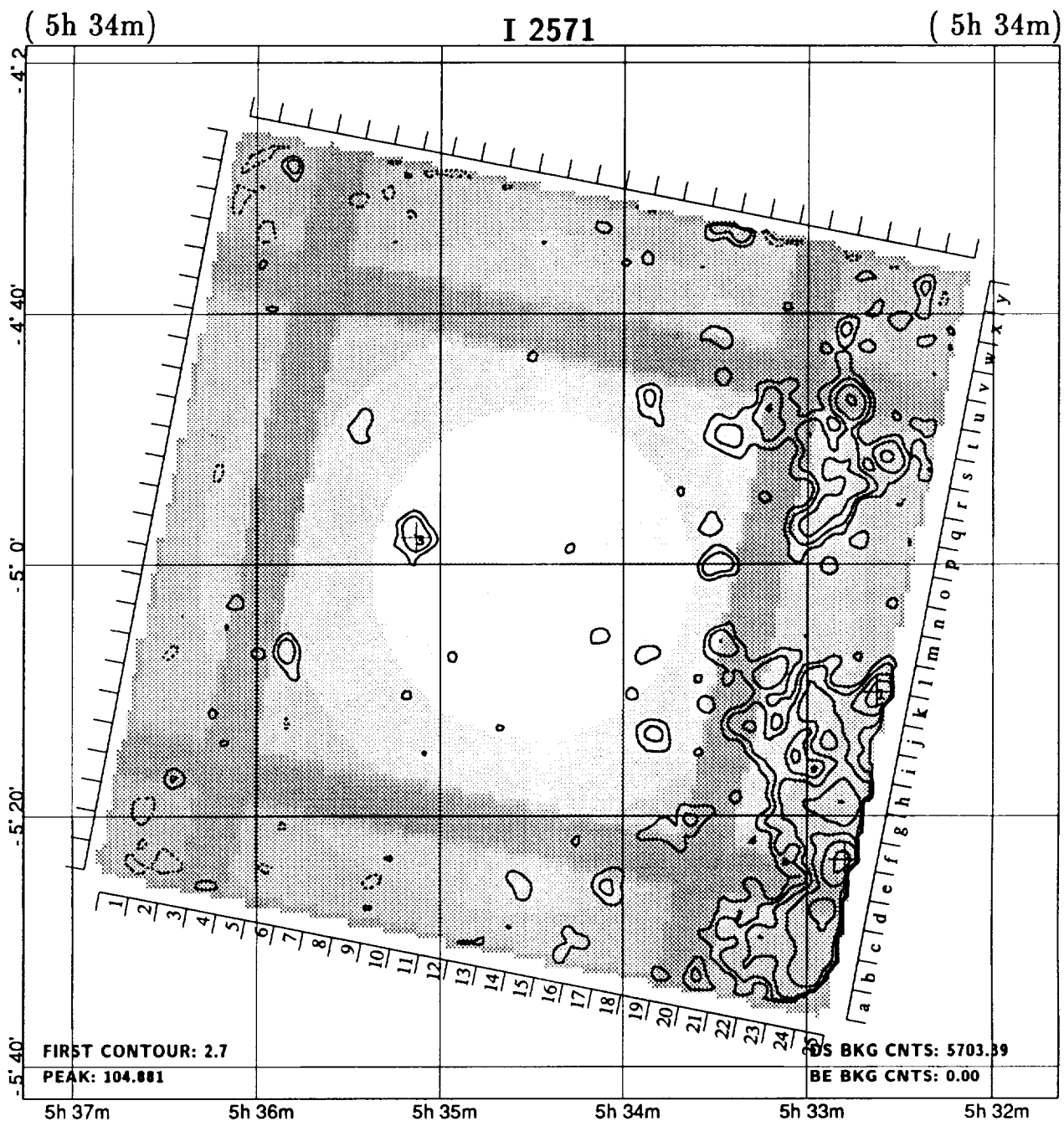
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS: B

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1330	1	05 32 13.9	-05 29 28	51	*0.0314	0.0068	29.8	12.2	4.6	80.0	602	39.0	EH	S
1353	2	05 32 38.3	-06 02 47	48	*0.0752	0.0072	122.0	13.0	10.5	18.7	602	30.0	AEH	
1361	3	05 32 47.1	-05 41 14	50	0.0267	0.0039	56.8	12.2	6.8	36.5	0	26.1	AH	
1366	4	05 32 49.0	-05 26 16	47	*0.548	0.019	806.6	8.4	28.3	2.4	1109	33.9	AH	S
1369	5	05 32 50.3	-05 44 46	51	0.0163	0.0031	37.2	12.8	5.3	63.6	0	24.7	AH	†
1377	6	05 32 59.4	-05 56 42	47	0.416	0.013	1018.2	15.8	31.7	2.5	0	22.8	AH	S
1378	7	05 33 00.3	-05 50 59	50	0.0266	0.0035	67.9	13.1	7.5	36.3	600	21.5	AH	
1384	8	05 33 04.9	-05 45 53	51	*0.0106	0.0023	27.5	9.5	4.5	88.5	1009	20.8	A	
1388	9	05 33 14.4	-05 30 31	50	0.0232	0.0037	48.9	12.1	6.3	57.8	200	26.4	AH	S
1391	10	05 33 16.5	-05 38 17	51	*0.0120	0.0026	30.8	15.2	4.5	1.2	601	20.6	H	

Source Table cont.

I 2569 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1397	11	05 33 20.9	-05 51 11	55	*0.0072	0.0019	21.5	10.5	3.8	166.6	1008	16.7	AH	
1410	12	05 33 40.8	-05 43 44	41	0.0190	0.0027	61.7	17.3	6.9	1.0	0	13.2		
1437	13	05 34 36.8	-05 38 21	41	0.0092	0.0021	31.2	18.8	4.4	0.8	0	11.6		
1441	14	05 34 42.8	-06 07 34	50	*0.0201	0.0029	58.2	10.8	7.0	1.1	703	18.2	AH	
1443	15	05 34 48.4	-05 46 57	42	0.0067	0.0018	25.1	19.9	3.7	0.8	0	5.8		



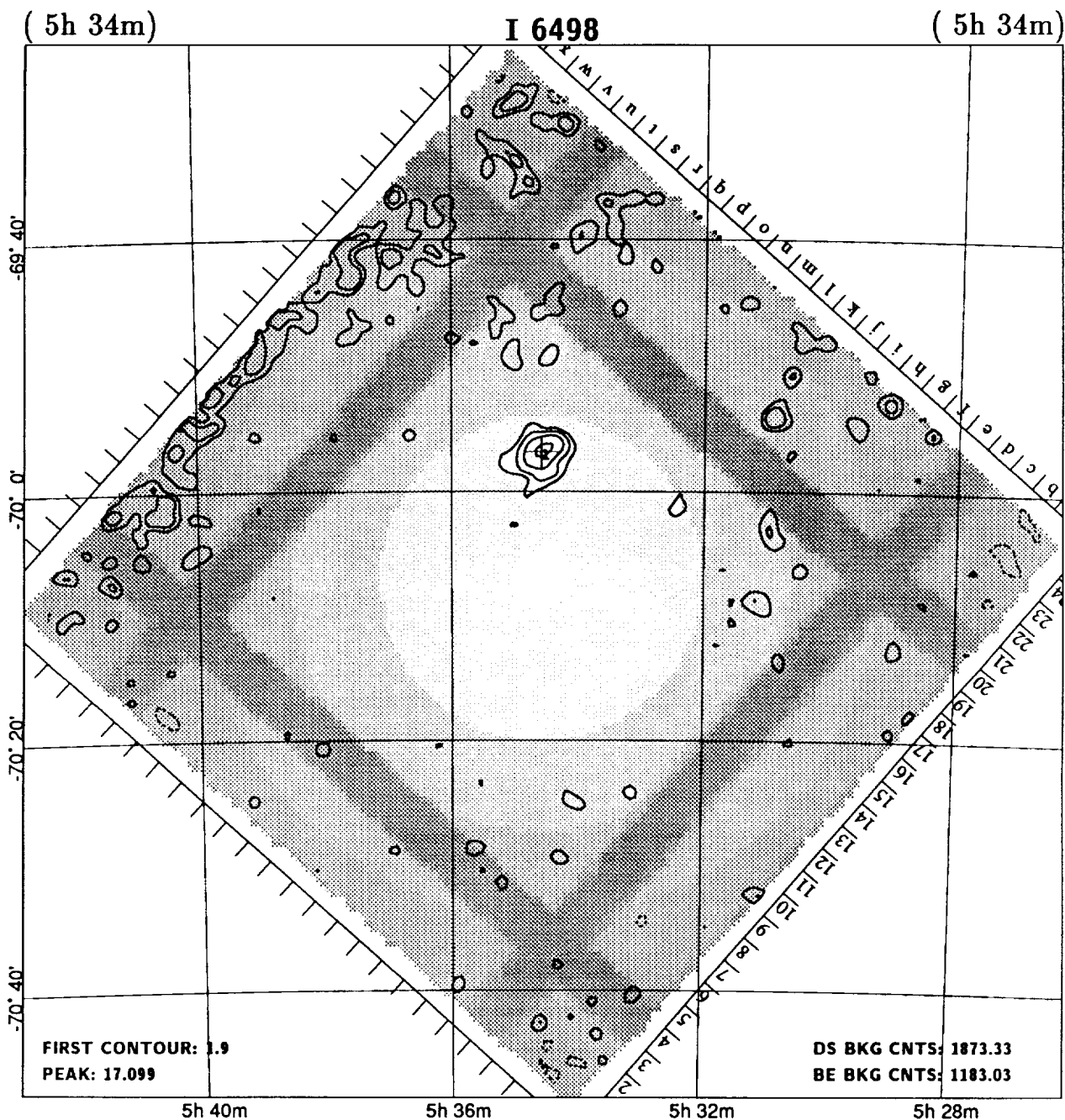
ENERGETIC MOLECULAR CLOUDS: ORION

FIELD CENTER: $05^h 34^m 27.3^s$ $-05^\circ 00' 39''$ (B1950)
 $05^h 36^m 55.2^s$ $-04^\circ 58' 53''$ (J2000)
 $l: 208.82$ $b: -18.83$

DATE: 1979/241 - 1979/242
 LIVETIME: 4621.6s
 ROLL ANGLE: -79.0°

NH: $1.0E+21$
 REF/ID:
 FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1354	1L	05 32 37.5	-05 10 06	50	*0.0339	0.0063	77.3	17.2	5.4	22.7	703	29.0	AEI	*
1366	2L	05 32 47.8	-05 23 31	47	*0.057	0.010	177.5	79.0	5.6	6.8	1003	33.5	AEI	S
1451	3L	05 35 07.8	-04 57 50	41	0.0105	0.0028	32.3	20.7	3.6	1.0	0	10.5		



LMC X-1,IPC CALIBRATION POSITION 01

FIELD CENTER: 05^h34^m32.2^s -70°06'32" (B1950)
05^h34^m02.5^s -70°04'40" (J2000)
 l : 280.67 b : -31.95

DATE: 1979/313 - 1979/313
LIVETIME: 1518.0s
ROLL ANGLE: -138.6°

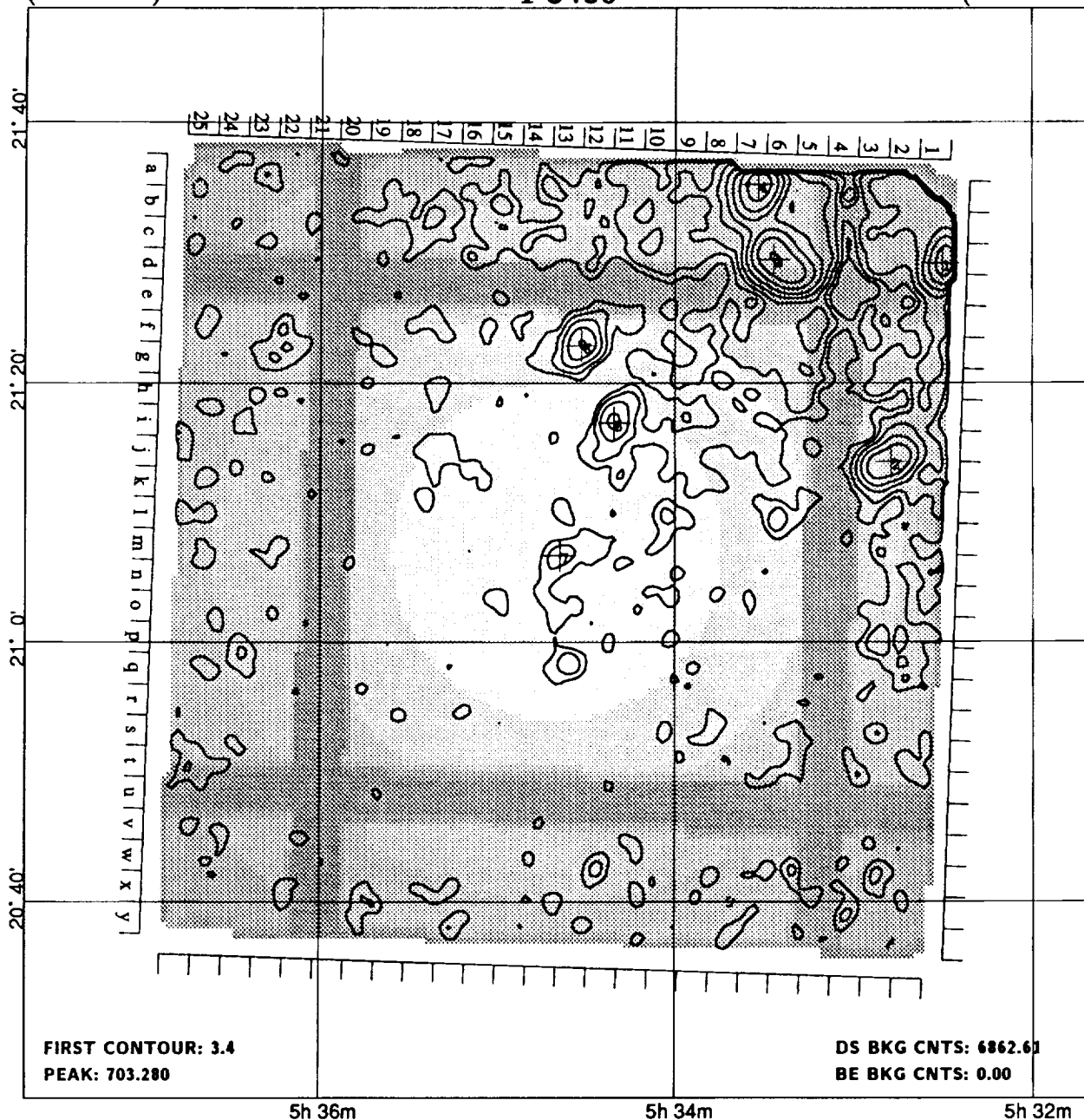
NH: 8.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 34.8	-69 56 50	38	0.051	0.010	51.7	24.3	4.9	1.5	0	9.6	A	SNR

(5h 34m)

I 5480

(5h 34m)



Zeta TAU

FIELD CENTER: 05^h34^m39.3^s 21°06'49" (B1950)
05^h37^m38.7^s 21°08'33" (J2000)
 l : 185.69 b : -5.64

DATE: 1981/ 87 - 1981/ 87
LIVETIME: 5560.9s
ROLL ANGLE: 91.9°

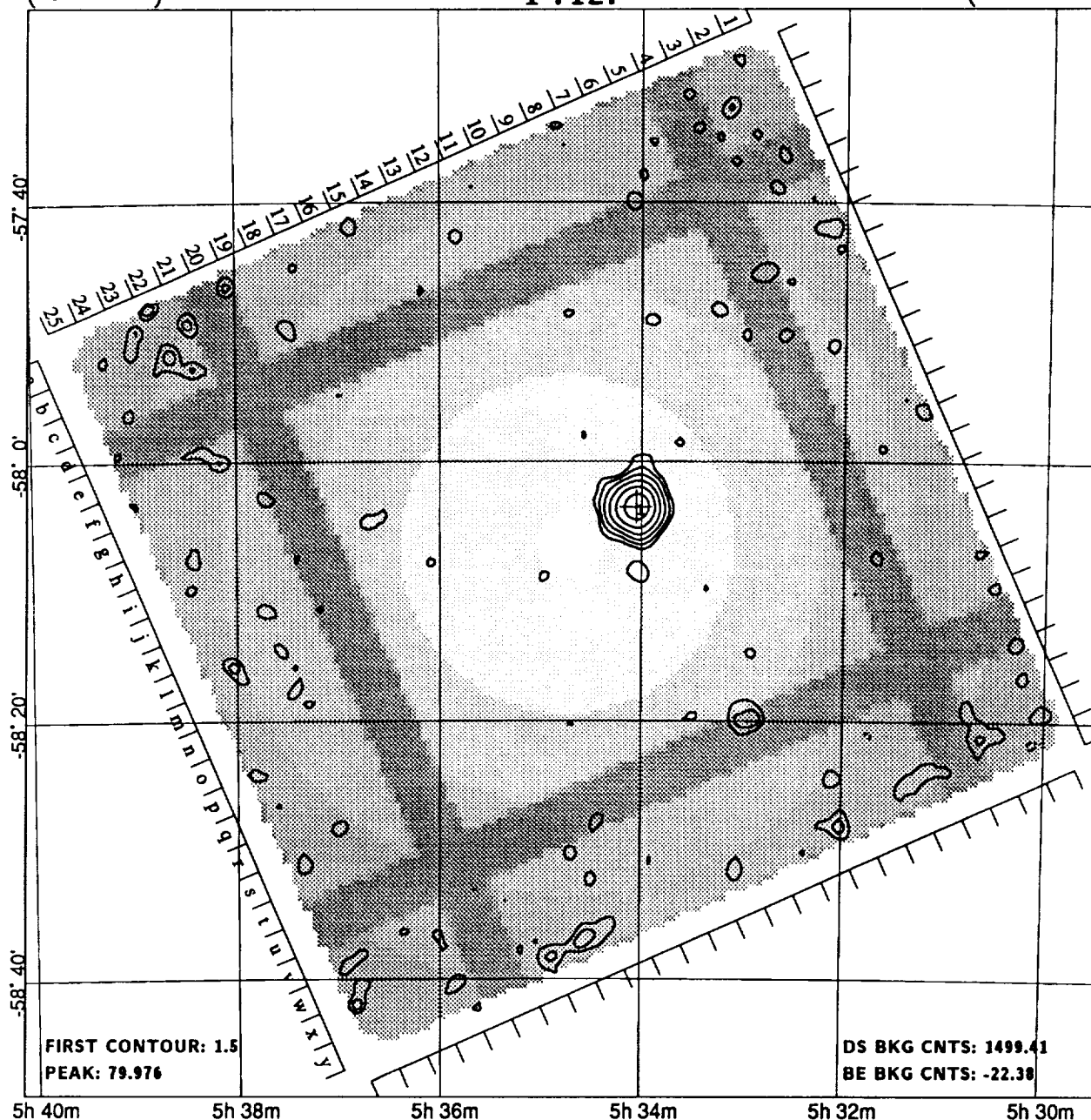
NH: 3.6E+21
REF/ID:
FIELD FLAGS: GL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1346	1L	05 32 30.1	21 29 09	47	*0.147	0.015	390.0	100.5	9.7	12.2	1105	37.5	EI
1362	2L	05 32 47.2	21 13 54	47	0.0825	0.0091	182.4	100.6	8.9	28.4	0	27.0	
1403	3L	05 33 26.7	21 29 27	47	*0.393	0.023	830.9	318.1	16.6	6.6	703	28.3	
1405	4L	05 33 32.0	21 35 14	47	*0.755	0.032	1094.1	370.9	23.4	6.6	703	32.6	
1433	5L	05 34 20.6	21 16 55	38	0.0244	0.0037	89.1	42.9	6.4	110.9	0	11.0	
1435	6L	05 34 31.6	21 22 52	47	0.0524	0.0051	168.4	33.6	10.2	1.5	0	16.2	
1440	7L	05 34 38.8	21 06 41	36	0.0091	0.0023	37.5	26.5	3.8	2.1	0	0.2	

(5h 34m)

I 7127

(5h 34m)



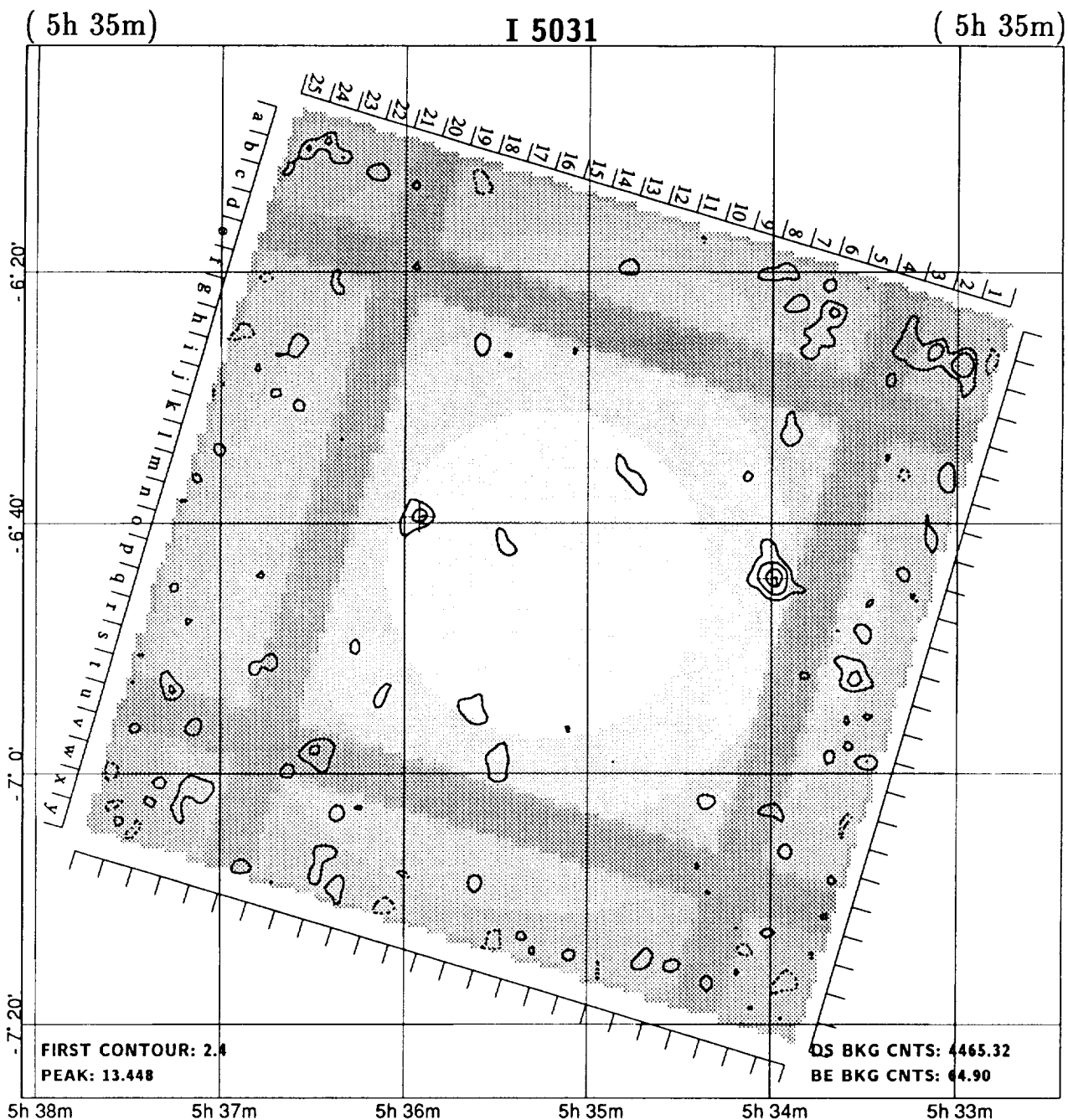
H0534-581, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: $05^h 34^m 45.6^s$ $-58^\circ 07' 11''$ (B1950)
 $05^h 35^m 32.6^s$ $-58^\circ 05' 22''$ (J2000)
 $l: 266.50$ $b: -32.69$

DATE: 1980/ 98 - 1980/ 98
 LIVETIME: 1258.7s
 ROLL ANGLE: 66.3°

NH: $3.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1425	1	05 34 03.2	-58 03 27	38	0.359	0.020	318.1	3.9	17.7	1.3	0	6.7	H



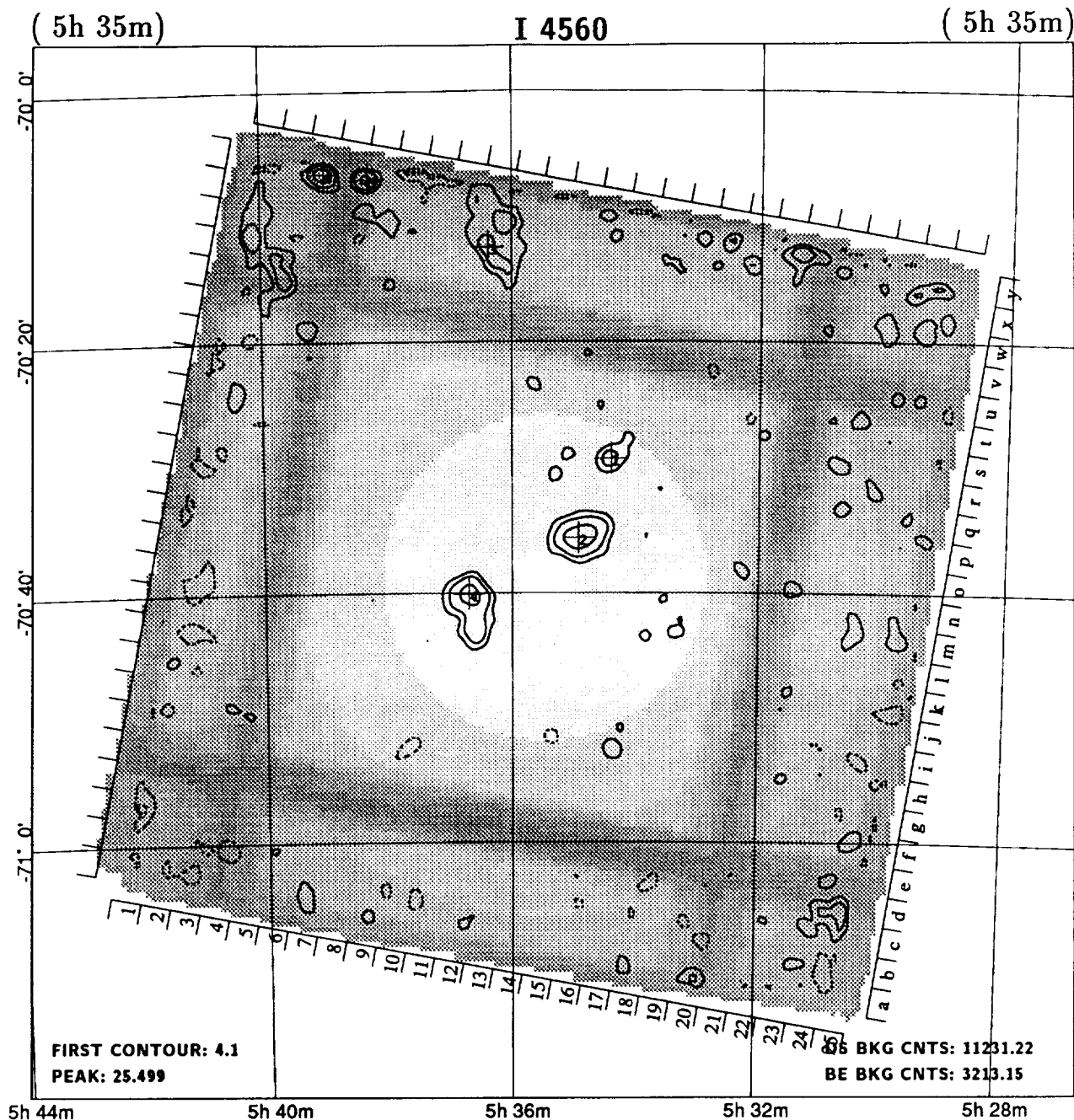
V380 ORI,AE/BE STARS

FIELD CENTER: $05^h 35^m 15.1^s$ $-06^\circ 43' 58''$ (B1950)
 $05^h 37^m 41.0^s$ $-06^\circ 42' 15''$ (J2000)
 $l: 210.54$ $b: -19.44$

DATE: 1981/ 46 - 1981/ 46
 LIVETIME: 3618.4s
 ROLL ANGLE: 106.5°

NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1420	1	05 33 59.7	-06 44 24	51	0.0183	0.0034	35.7	7.3	5.5	1.1	200	18.8	AH	S
1465	2	05 35 55.2	-06 39 28	45	0.0099	0.0024	23.2	8.8	4.1	0.8	0	11.3	H	



DEN #238,240, LMC FOLLOWUP, DEEP IPC POINTING

FIELD CENTER: 05^h35^m19.2^s -70°38'23" (B1950)
05^h34^m44.0^s -70°36'34" (J2000)
ℓ: 281.28 b: -31.81

DATE: 1979/252 - 1979/254
LIVETIME: 9100.9s
ROLL ANGLE: -79.6°

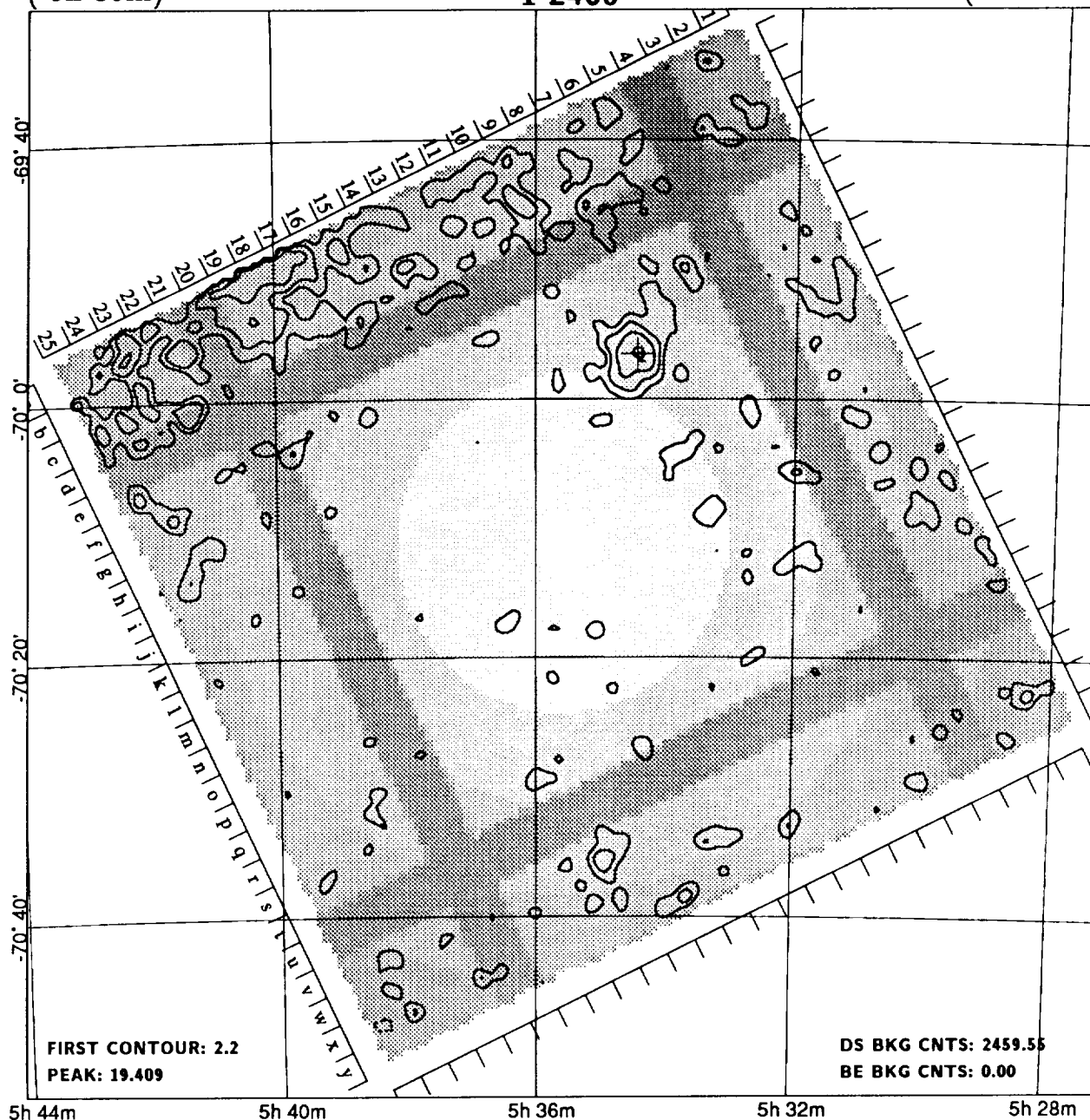
NH: 7.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1431	1	05 34 23.7	-70 29 17	42	0.0059	0.0014	35.1	32.9	4.3	0.8	0	10.3	AH	*
1447	2	05 34 55.2	-70 35 37	31	0.0176	0.0019	116.2	37.8	9.4	1.4	0	3.3	AH	SNR
1472	3	05 36 22.7	-70 12 31	61	0.0067	0.0018	24.7	21.3	3.6	3.3	0	26.6		
1478	4	05 36 42.3	-70 40 04	41	0.0142	0.0018	91.0	37.0	8.0	1.7	0	7.0	AH	SNR
1502	5	05 38 17.2	-70 06 58	62	*0.0098	0.0028	21.6	15.4	3.5	0.8	1309	34.9	E	
1510	6	05 38 59.0	-70 06 32	55	*0.0169	0.0035	34.2	16.8	4.8	0.8	1106	36.8	E	

(5h 35m)

I 2460

(5h 35m)



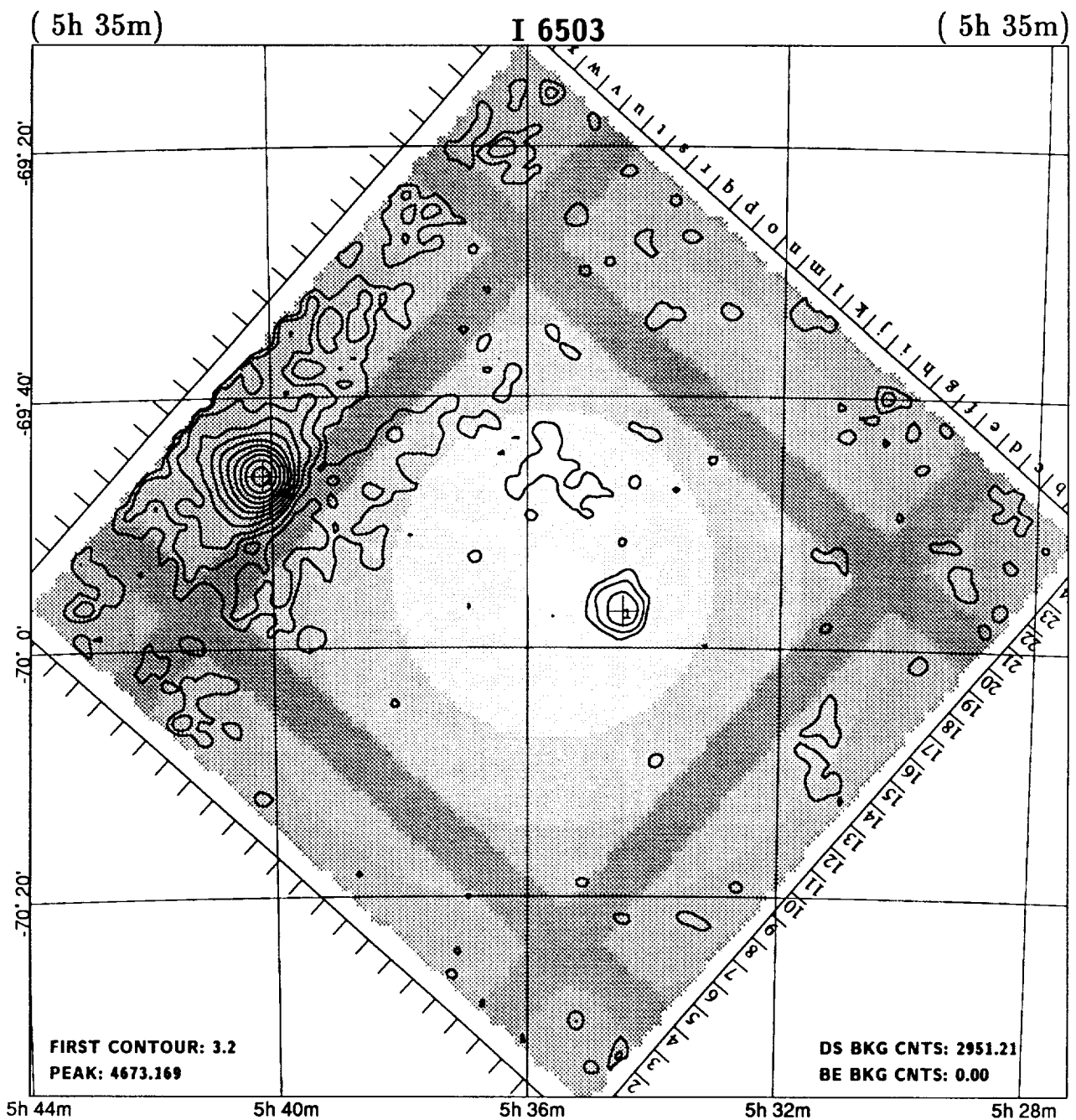
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 35^m 36.0^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 35^m 05.3^s$ $-70^\circ 10' 11''$ (J2000)
 $l: 280.76$ $b: -31.85$

DATE: 1979/100 - 1979/100
 LIVETIME: 1993.1s
 ROLL ANGLE: 64.1°

NH: $7.8E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 26.0	-69 56 31	50	0.0328	0.0090	37.8	33.2	3.6	2.0	0	16.5	A	SNR



LMC X-1,IPC CALIBRATION POSITION 06

FIELD CENTER: 05^h35^m38.5^s -69°54'02" (B1950)
05^h35^m10.8^s -69°52'15" (J2000)
 l : 280.41 b : -31.88

DATE: 1979/313 - 1979/313
LIVETIME: 2391.5s
ROLL ANGLE: -138.6°

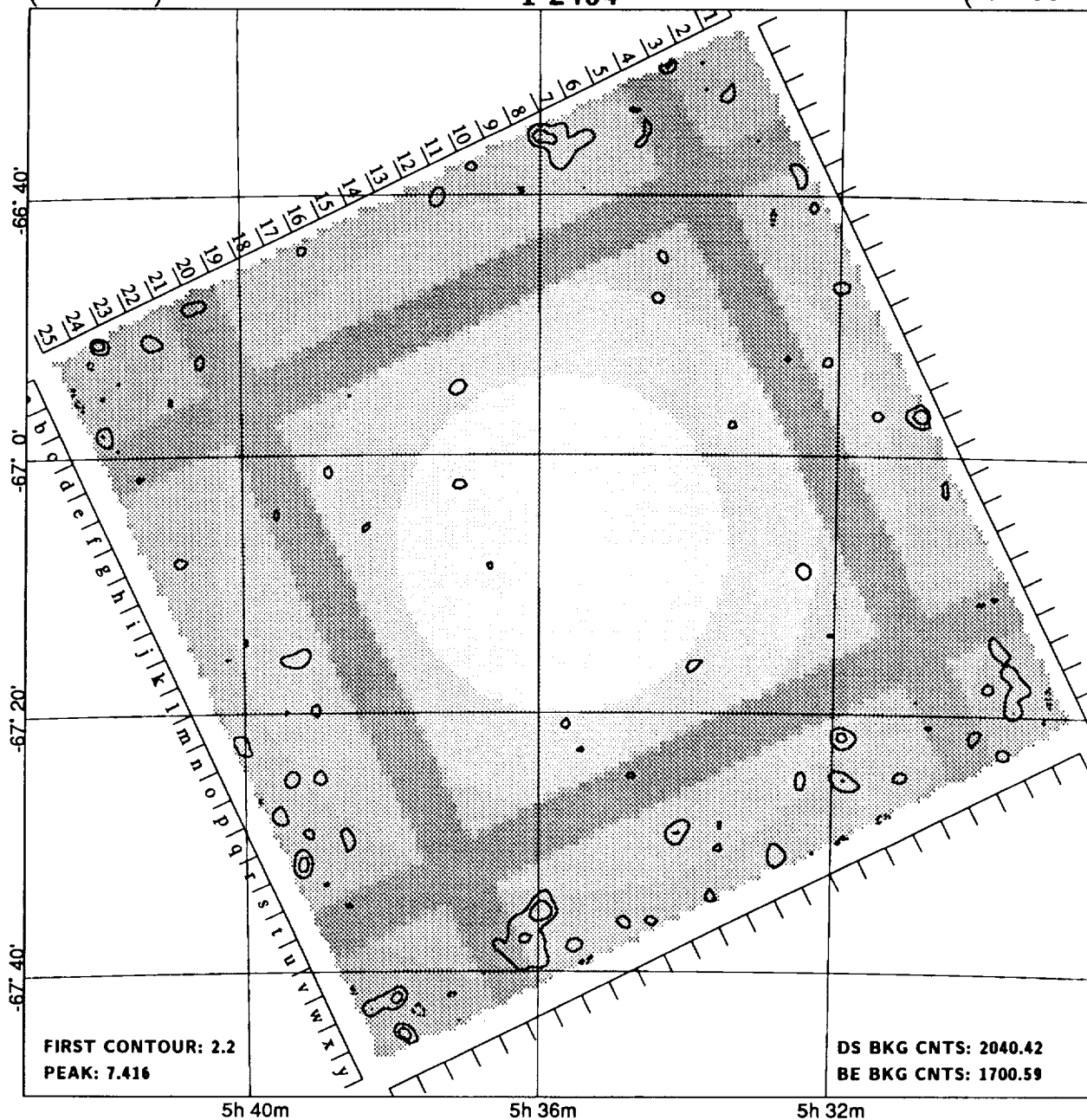
NH: 8.5E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 29.0	-69 57 02	38	0.0440	0.0074	73.9	36.1	5.8	1.5	0	6.7	A	SNR
1522	2L	05 40 08.3	-69 46 14	47	9.33	0.11	9601.6	762.4	83.1	1.3	300	24.5	A	S

(5h 35m)

I 2404

(5h 35m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}35^{\text{m}}43.2^{\text{s}}$ $-67^{\circ}07'47''$ (B1950)
 $05^{\text{h}}35^{\text{m}}39.5^{\text{s}}$ $-67^{\circ}06'01''$ (J2000)
 $l: 277.16$ $b: -32.17$

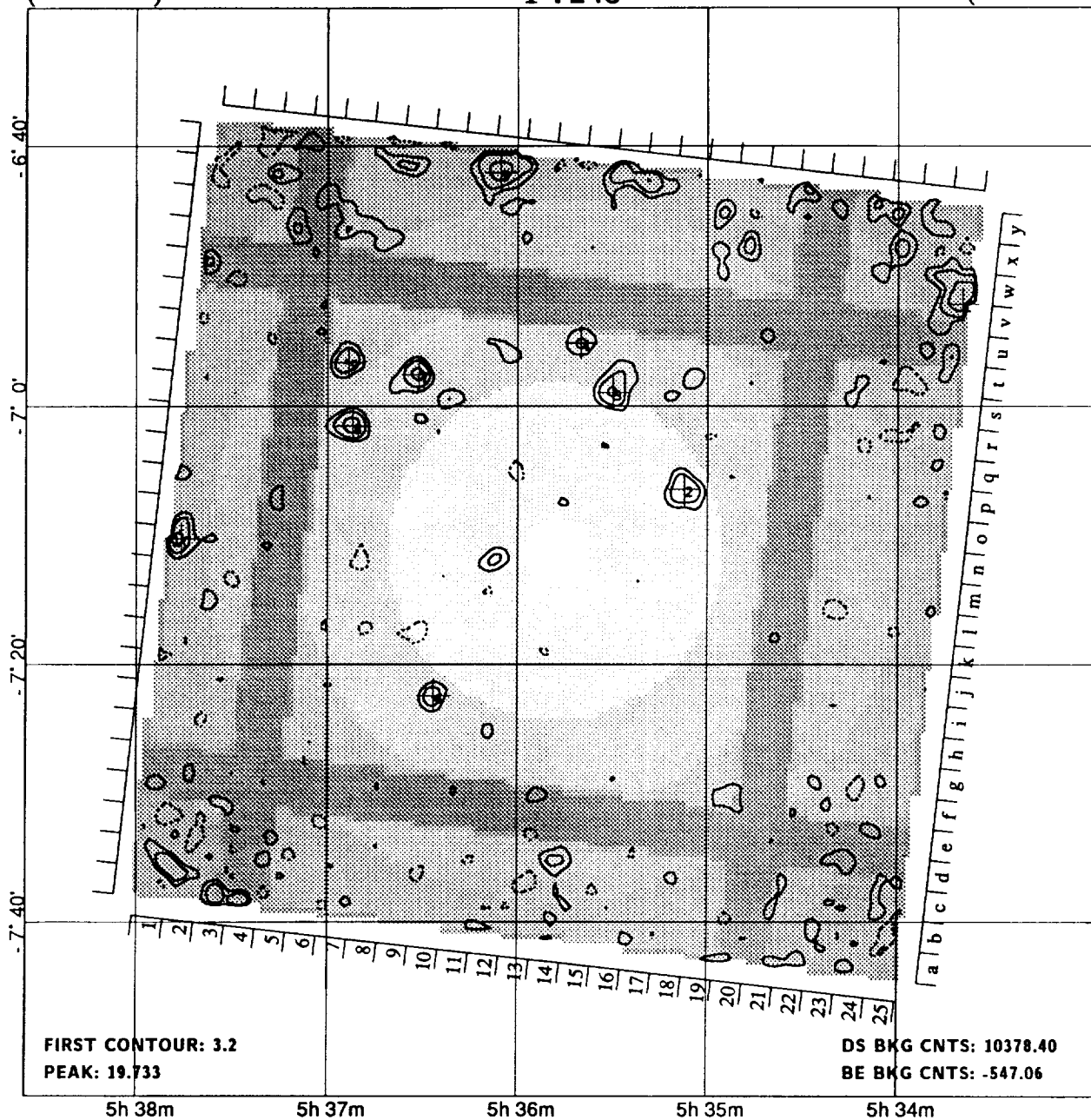
DATE: 1979/100 - 1979/100
 LIVETIME: 1653.4s
 ROLL ANGLE: 64.3°

NH: $6.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(5h 35m)

I 7243

(5h 35m)



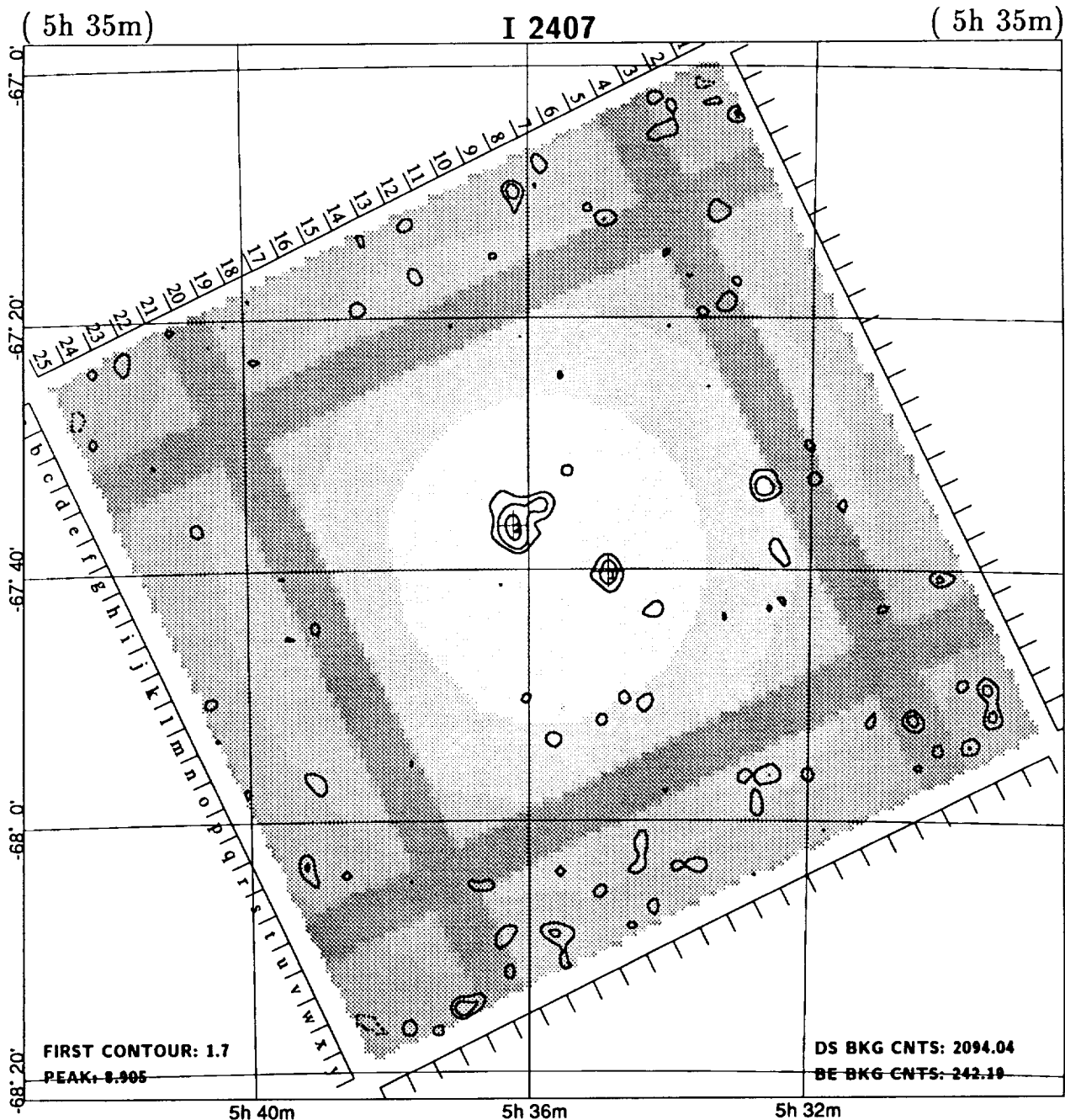
HH 43, HERBIG HARO OBJECT

FIELD CENTER: $05^h 35^m 45.3^s$ $-07^\circ 11' 19''$ (B1950)
 $05^h 38^m 10.6^s$ $-07^\circ 09' 38''$ (J2000)
 $l: 211.03$ $b: -19.53$

DATE: 1980/265 - 1980/265
 LIVETIME: 8409.9s
 ROLL ANGLE: -83.7°

NH: $1.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1409	1	05 33 39.6	-06 52 07	52	*0.0238	0.0045	36.4	10.6	5.3	2.2	1105	36.7	AEH	S
1450	2	05 35 07.3	-07 06 27	41	0.0078	0.0014	42.6	19.4	5.4	0.9	0	10.4	H	
1457	3	05 35 29.8	-06 58 59	41	0.0082	0.0015	43.0	19.0	5.5	1.0	0	13.0	AH	S
1460	4	05 35 39.9	-06 55 07	55	*0.0046	0.0013	21.9	17.1	3.5	0.6	602	16.4	H	
1467	5	05 36 05.4	-06 42 02	51	0.0119	0.0025	35.5	19.5	4.8	1.2	500	29.9	H	
1473	6	05 36 26.5	-07 22 26	51	0.0053	0.0014	26.4	19.6	3.9	0.7	0	15.3		
1475	7	05 36 31.2	-06 57 36	50	0.0068	0.0015	31.9	19.1	4.5	0.9	0	17.8		
1480	8	05 36 52.1	-07 01 32	50	0.0100	0.0017	44.9	14.1	5.8	0.8	0	19.2	H	
1481	9	05 36 53.3	-06 56 38	51	0.0074	0.0016	29.8	14.2	4.5	0.7	500	22.5	H	
1495	10	05 37 45.7	-07 10 15	55	*0.0082	0.0020	23.4	10.6	4.0	0.9	703	30.0	H	



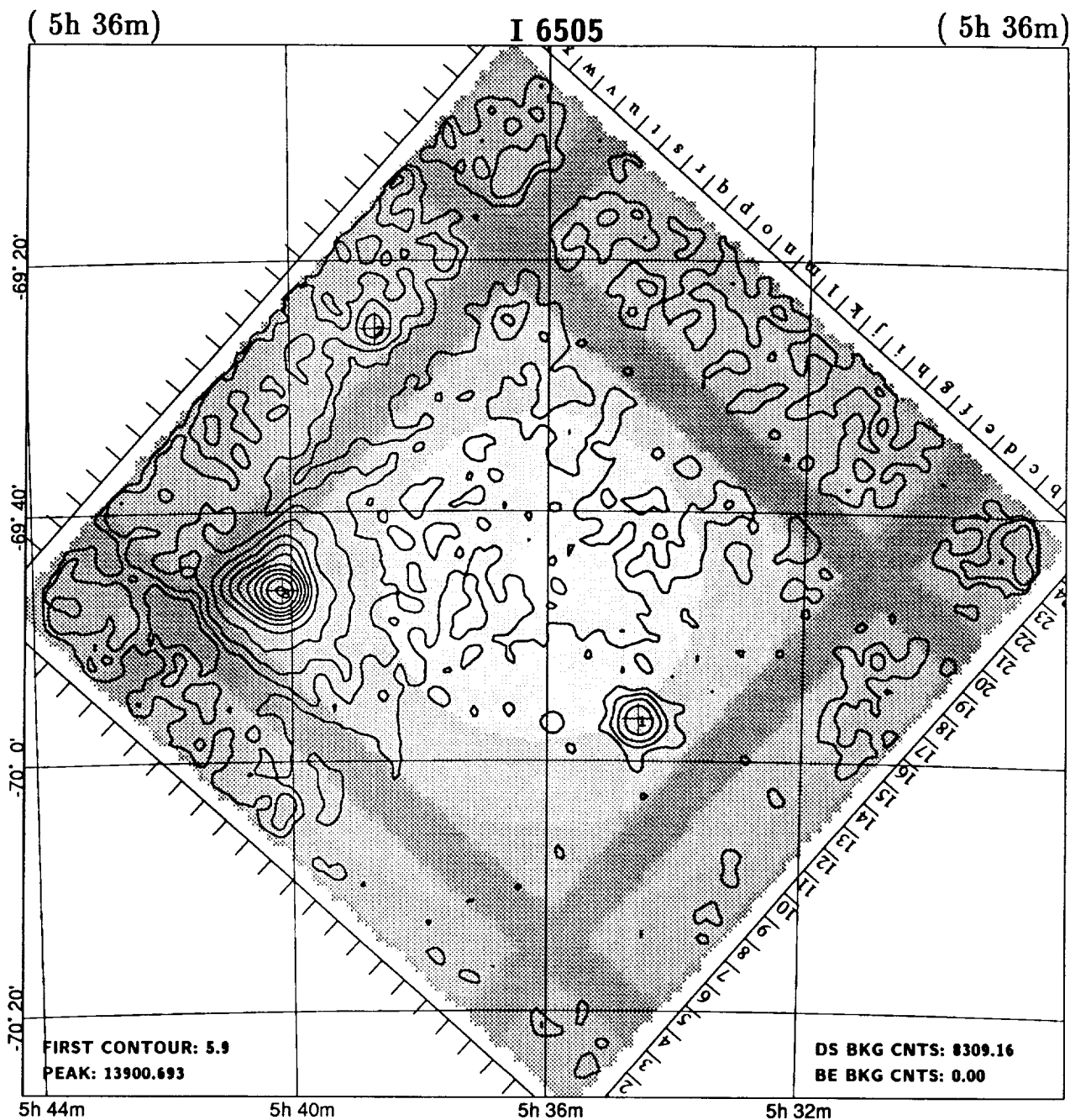
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h35^m48.0^s -67°40'11" (B1950)
05^h35^m40.0^s -67°38'25" (J2000)
 ℓ : 277.79 b : -32.11

DATE: 1979/100 - 1979/100
LIVETIME: 1696.9s
ROLL ANGLE: 64.1°

NH: 6.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1445	1	05 34 51.9	-67 40 10	37	0.0180	0.0044	21.7	6.3	4.1	0.8	0	4.9	A	
1469	2	05 36 12.9	-67 36 29	35	0.0327	0.0056	40.2	6.8	5.9	1.5	0	4.0	H	*



LMC X-1,IPC CALIBRATION POSITION 08

FIELD CENTER: $05^h 36^m 01.4^s$ $-69^\circ 44' 55''$ (B1950)
 $05^h 35^m 35.1^s$ $-69^\circ 43' 09''$ (J2000)
 $l: 280.23$ $b: -31.87$

DATE: 1979/313 - 1979/313
 LIVETIME: 6733.2s
 ROLL ANGLE: -138.6°

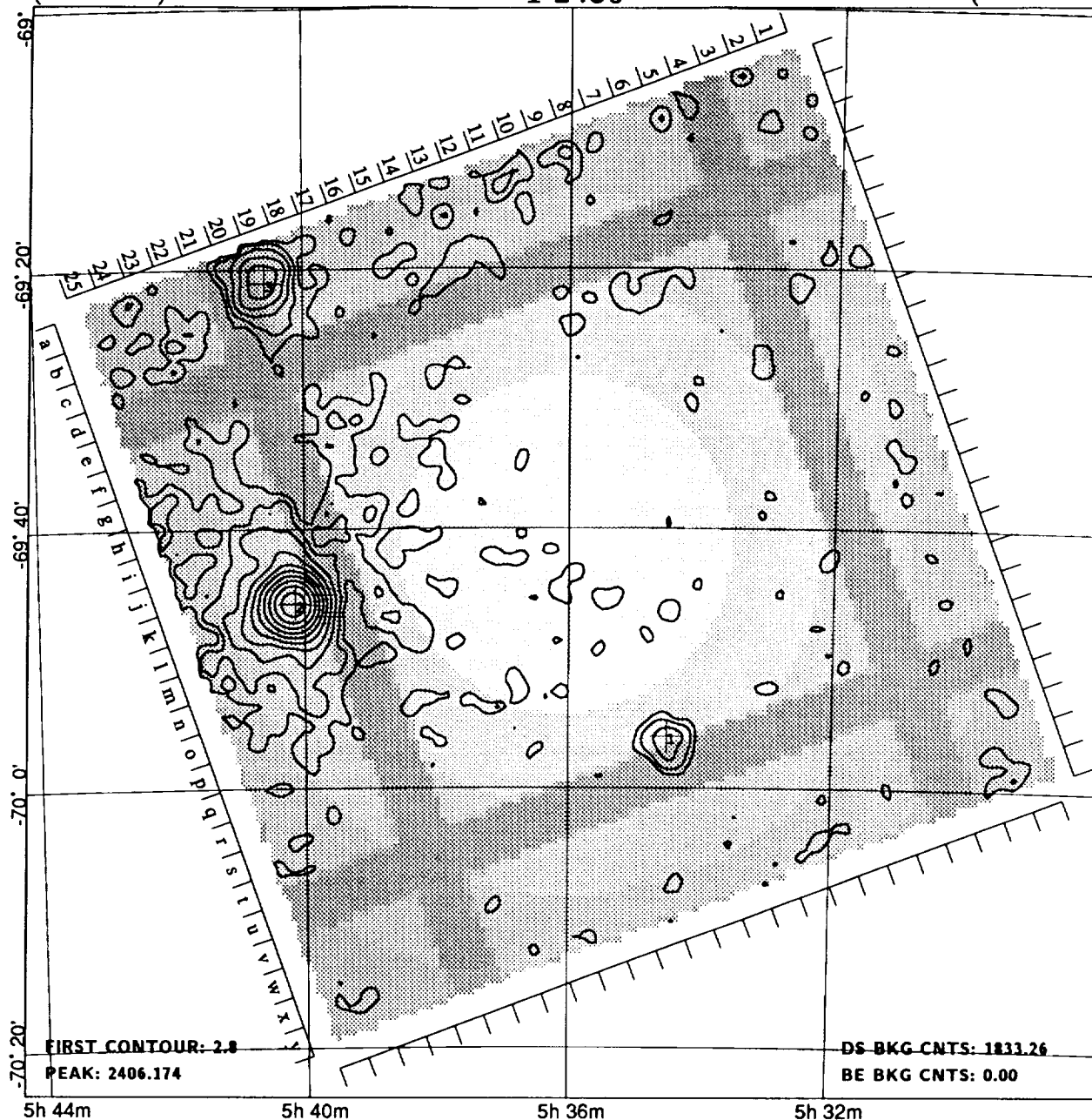
NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 34.0	-69 56 35	38	0.0663	0.0052	272.6	71.4	12.6	1.5	0	14.0	A	SNR
1505	2L	05 38 41.3	-69 25 20	48	0.0431	0.0055	129.0	60.0	7.7	222.4	100	23.9	A	S
1522	3L	05 40 08.8	-69 46 13	47	9.427	0.060	31377.5	833.6	157.1	1.4	100	21.4	A	S

(5h 36m)

I 2450

(5h 36m)



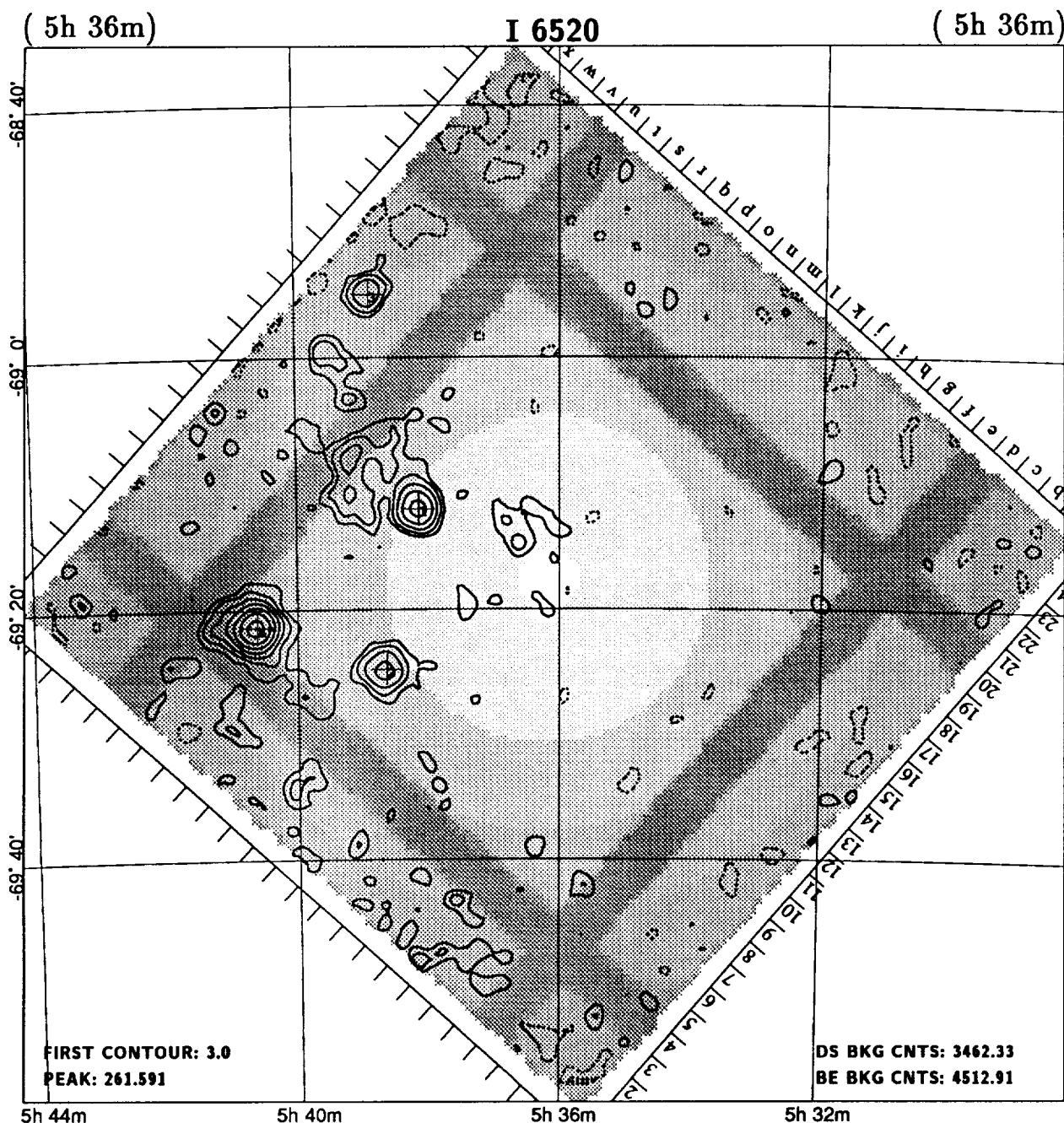
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 36^m 04.8^s$ $-69^\circ 41' 59''$ (B1950)
 $05^h 35^m 39.0^s$ $-69^\circ 40' 13''$ (J2000)
 $l: 280.17$ $b: -31.87$

DATE: 1979/101 - 1979/101
 LIVETIME: 1485.5s
 ROLL ANGLE: 69.9°

NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 29.9	-69 56 00	50	*0.052	0.014	43.1	18.4	3.6	1.7	602	16.2	A	SNR
1522	2L	05 40 08.6	-69 45 48	47	8.11	0.13	5790.6	555.4	63.5	1.3	400	21.5	A	S
1525	3L	05 40 33.6	-69 21 03	48	*0.187	0.027	137.4	38.1	6.9	1.9	803	31.4	AI	P



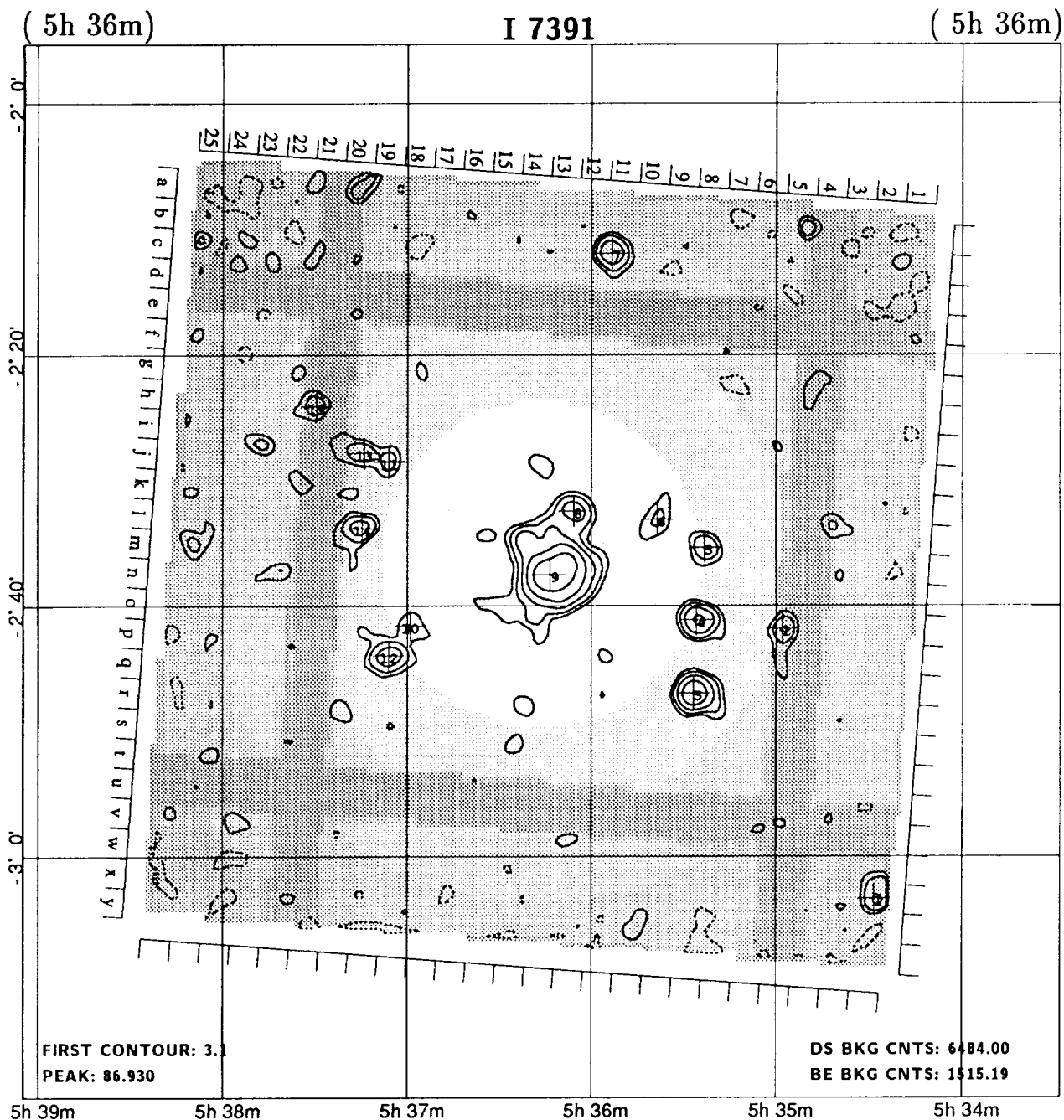
LMC X-1,IPC CALIBRATION POSITION 23

FIELD CENTER: 05^h36^m13.1^s -69°17'20" (B1950)
05^h35^m51.2^s -69°15'35" (J2000)
 ℓ : 279.69 b : -31.90

DATE: 1979/314 - 1979/314
LIVETIME: 2805.8s
ROLL ANGLE: -138.6°

NH: 8.6E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 08.6	-69 11 58	38	0.1124	0.0099	201.7	37.3	11.3	2.2	0	11.4	A	SNR
1505	2L	05 38 38.4	-69 24 47	38	0.0522	0.0079	86.7	36.3	6.5	1.3	0	14.9	A	S
1509	3L	05 38 53.3	-68 54 55	50	0.0403	0.0084	45.0	18.0	4.7	1.1	0	26.5	A	S
1525	4L	05 40 36.8	-69 21 22	47	*0.483	0.024	608.8	34.7	19.8	1.3	601	23.7	A	P



SIGMA ORI A, MAGNETIC STAR

FIELD CENTER: 05^h36^m16.6^s -02°37'17" (B1950)
05^h38^m47.3^s -02°35'39" (J2000)
ℓ: 206.82 b: -17.32

DATE: 1980/ 62 - 1980/ 62
LIVETIME: 5254.2s
ROLL ANGLE: 94.2°

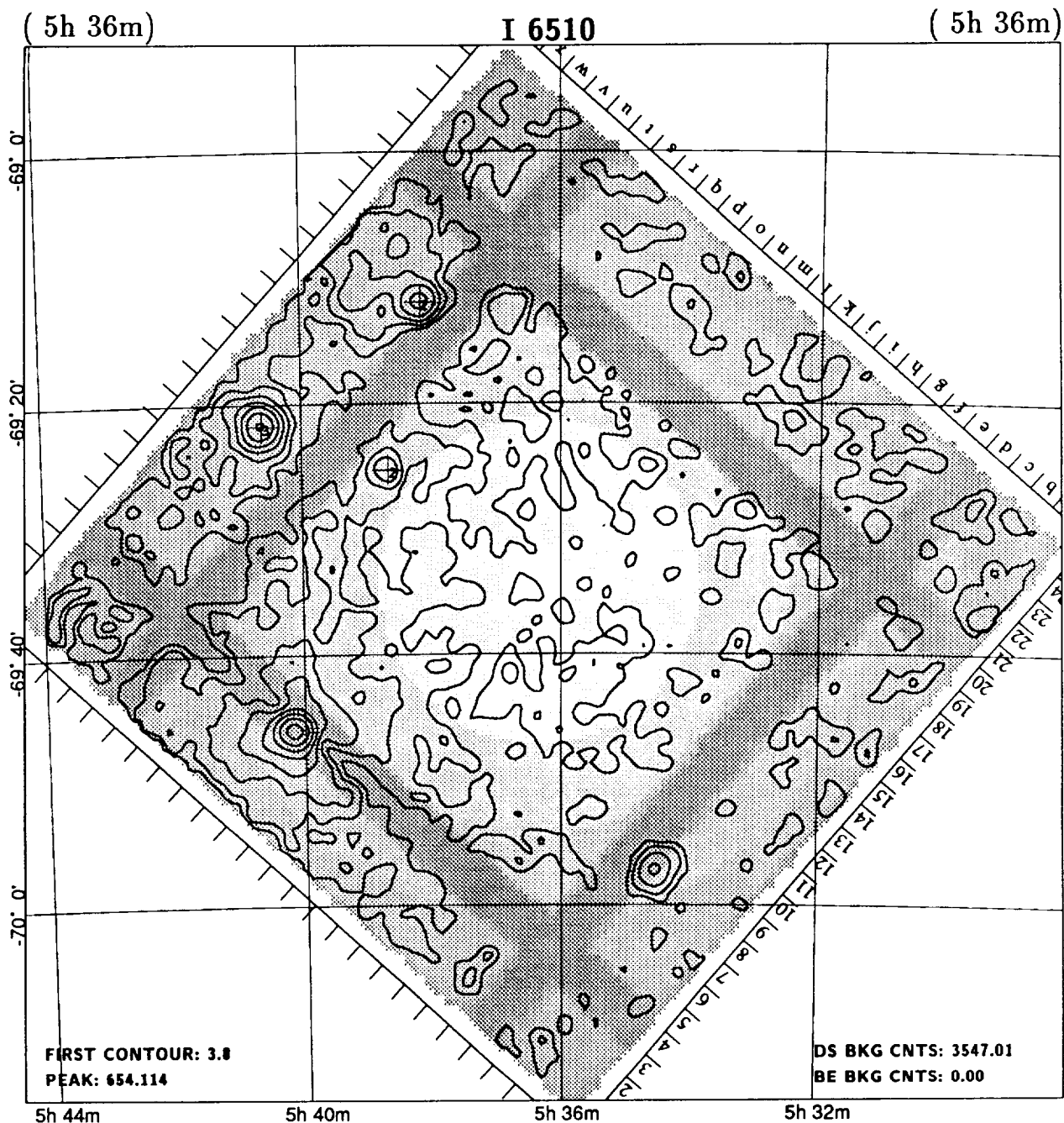
NH: 2.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1434	1	05 34 28.3	-03 03 26	68	0.0162	0.0046	18.5	9.5	3.5	0.9	600	37.5	EH
1448	2	05 34 58.0	-02 41 49	51	*0.0109	0.0024	28.9	11.1	4.6	1.0	906	20.1	
1454	3	05 35 23.1	-02 35 23	41	0.0124	0.0023	40.3	16.7	5.3	0.8	0	13.4	H
1455	4	05 35 25.7	-02 41 07	38	0.0285	0.0032	92.4	18.6	8.8	0.9	0	13.2	H
1456	5	05 35 26.7	-02 46 58	48	0.0467	0.0042	141.0	18.0	11.2	1.0	0	15.8	H
1459	6	05 35 38.6	-02 33 06	43	0.0079	0.0019	27.6	18.4	4.1	0.8	0	10.4	
1464	7	05 35 53.4	-02 11 54	50	0.0230	0.0036	51.1	12.9	6.4	0.9	0	26.1	H
1468	8	05 36 05.7	-02 32 27	41	0.0189	0.0025	70.9	19.1	7.5	15.3	0	5.7	H
1470	9	05 36 13.4	-02 37 33	31	0.1140	0.0055	445.1	18.9	20.7	2.5	0	0.7	H
1482	10	05 36 59.0	-02 41 35	47	0.0066	0.0018	22.3	15.7	3.6	3.8	0	11.6	

Source Table cont.

I 7391 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1483	11	05 37 05.9	-02 28 31	51	0.0082	0.0021	25.7	17.3	3.9	1.7	0	15.1		
1484	12	05 37 06.0	-02 43 57	41	0.0208	0.0029	65.7	16.3	7.3	1.3	0	13.8	H	
1486	13	05 37 14.1	-02 27 49	51	*0.0100	0.0023	29.5	14.5	4.4	1.4	703	17.3		
1487	14	05 37 14.7	-02 33 49	41	0.0157	0.0026	49.0	16.0	6.1	1.0	500	15.0	H	
1492	15	05 37 29.6	-02 24 05	55	*0.0079	0.0021	19.8	8.2	3.7	0.7	1109	22.7	H	



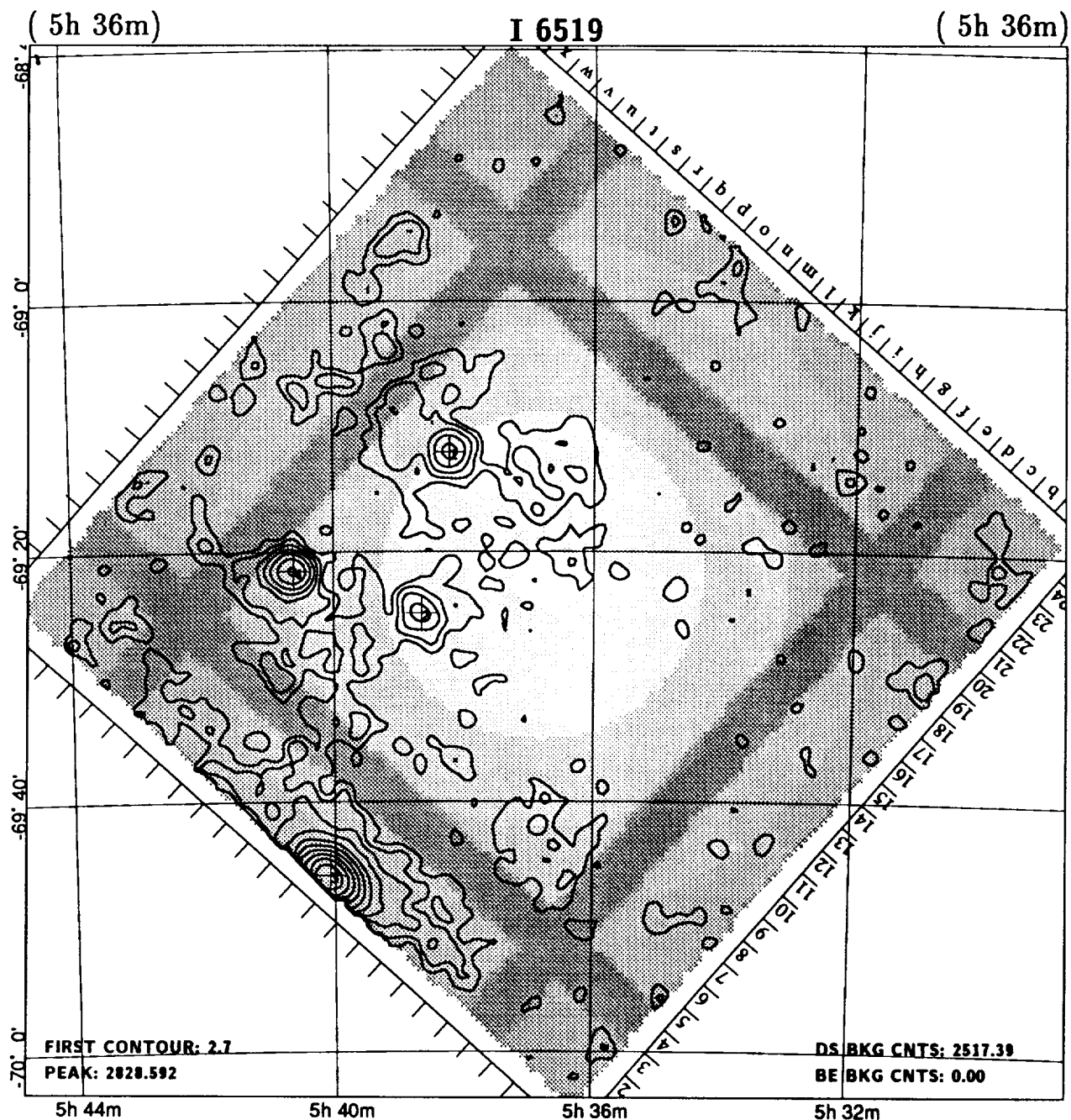
LMC X-1,IPC CALIBRATION POSITION 13

FIELD CENTER: $05^h 36^m 17.7^s$ $-69^\circ 33' 38''$ (B1950)
 $05^h 35^m 53.2^s$ $-69^\circ 31' 53''$ (J2000)
 $l: 280.00$ $b: -31.87$

DATE: 1979/313 - 1979/314
 LIVETIME: 2874.3s
 ROLL ANGLE: -138.6°

NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 09.2	-69 11 58	47	*0.146	0.017	186.4	34.1	8.7	9.8	703	23.8	A	SNR
1505	2L	05 38 40.2	-69 25 13	41	0.0415	0.0066	70.0	20.0	6.2	67.5	100	14.9	A	S
1525	3L	05 40 36.3	-69 21 42	47	0.454	0.023	545.5	46.5	19.8	3.2	0	25.7	A	P



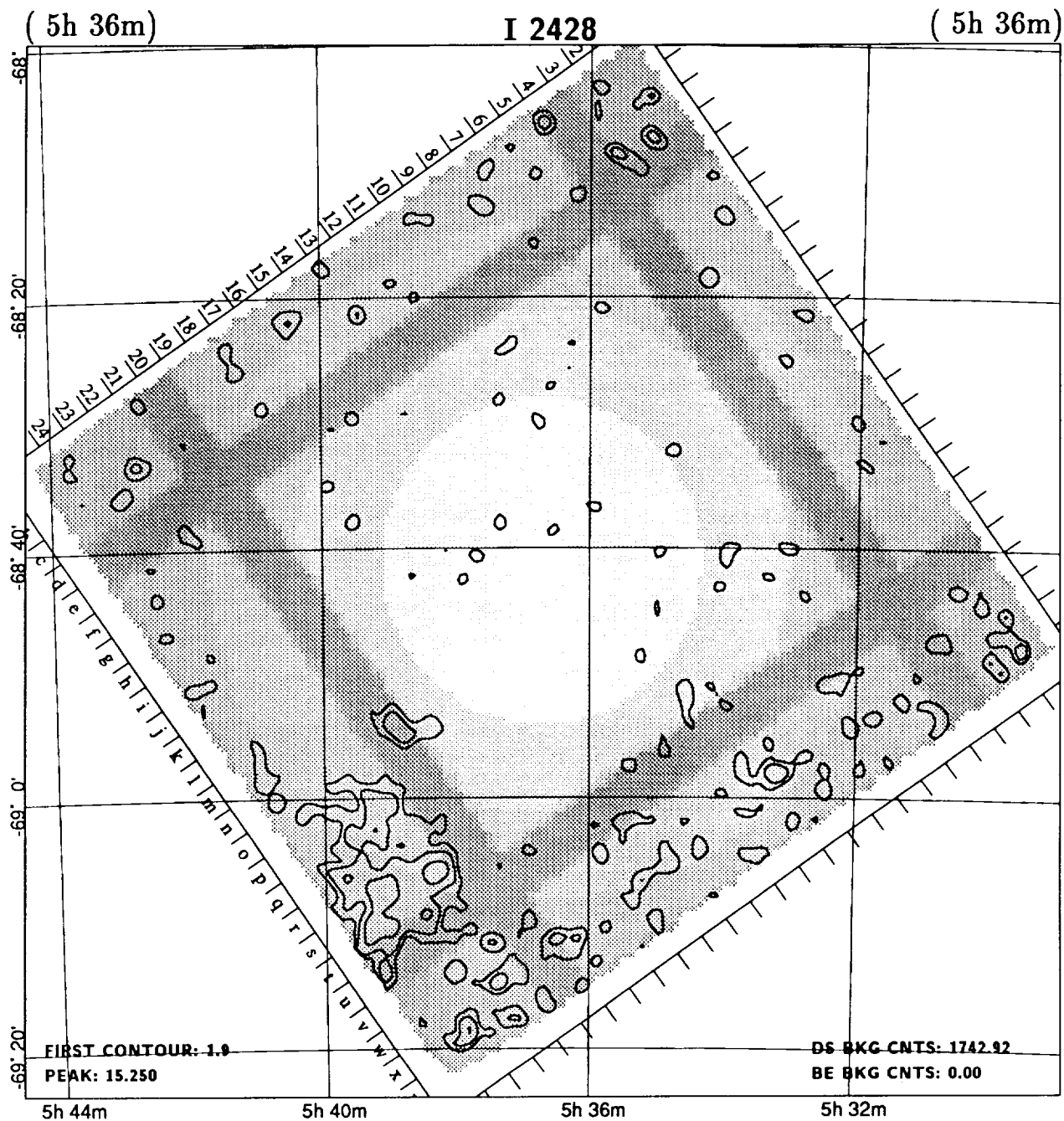
LMC X-1, IPC CALIBRATION POSITION 22

FIELD CENTER: 05^h36^m42.7^s -69°21'42" (B1950)
05^h36^m20.0^s -69°19'59" (J2000)
 l : 279.77 b : -31.85

DATE: 1979/314 - 1979/314
LIVETIME: 2039.9s
ROLL ANGLE: -138.6°

NH: 0.6E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 12.8	-69 12 05	38	0.121	0.012	156.2	32.8	9.7	3.5	0	12.4	A	SNR
1505	2L	05 38 39.1	-69 24 53	38	0.0613	0.0094	82.8	33.2	6.4	105.5	0	10.7	A	S
1522	3L	05 40 04.7	-69 45 53	47	*6.54	0.12	5091.8	456.7	56.4	1.4	501	29.9	AI	S
1525	4L	05 40 36.4	-69 21 31	47	0.436	0.024	451.2	32.8	18.0	18.9	300	20.6	A	P

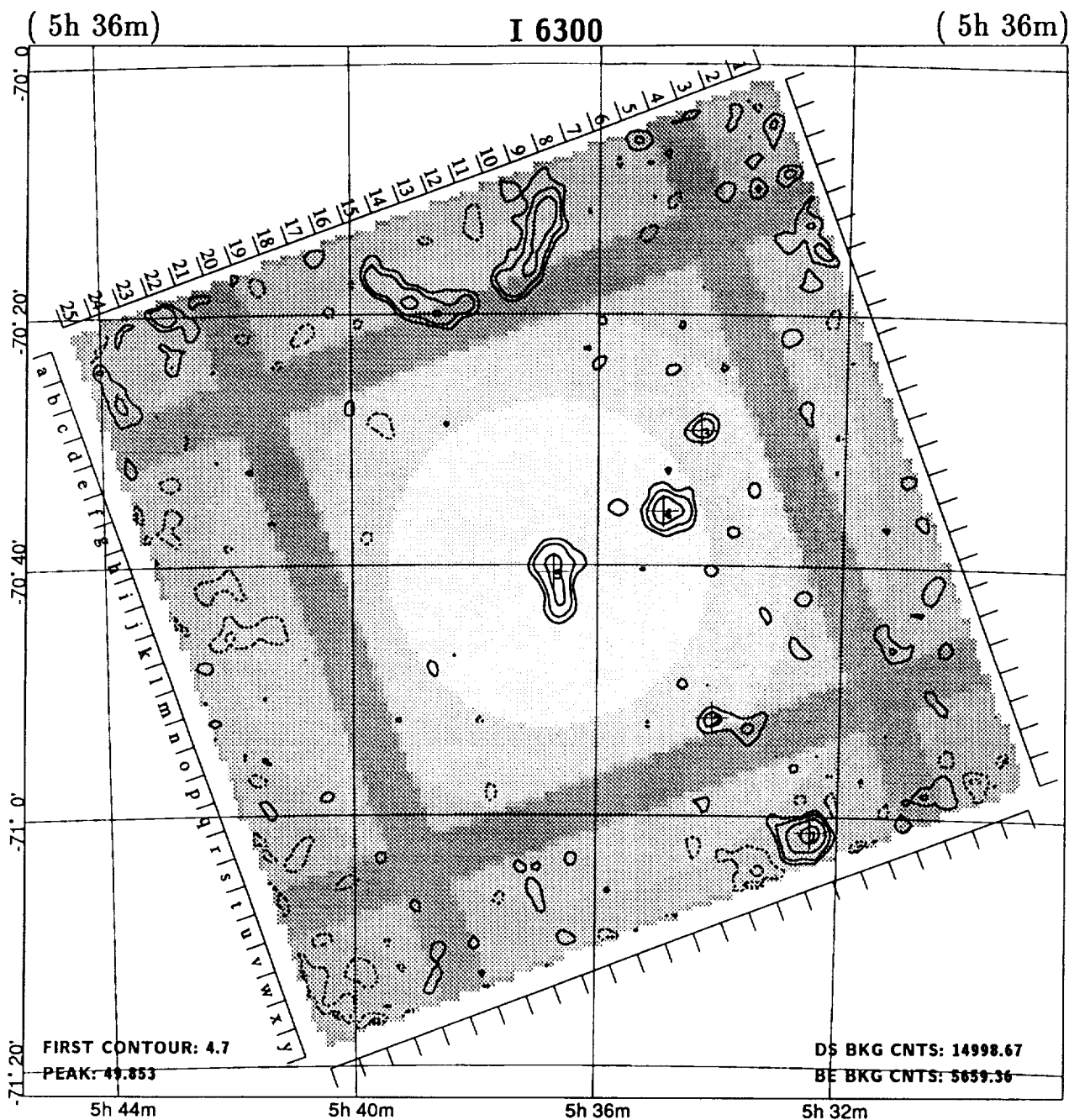


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 36^m 43.2^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 36^m 26.5^s$ $-68^\circ 40' 17''$ (J2000)
 l : 278.99 b : -31.92

DATE: 1979/101 - 1979/101
 LIVETIME: 1412.3s
 ROLL ANGLE: 55.0°

NH: $7.5E+20$
 REF/ID:
 FIELD FLAGS: L



DEM 249, SNRS IN LMC & SMC

FIELD CENTER: $05^h 36^m 50.0^s$ $-70^\circ 40' 36''$ (B1950)
 $05^h 36^m 14.3^s$ $-70^\circ 38' 53''$ (J2000)
 $l: 281.30$ $b: -31.69$

DATE: 1980/ 95 - 1980/ 95
 LIVETIME: 12590.3s
 ROLL ANGLE: 69.8°

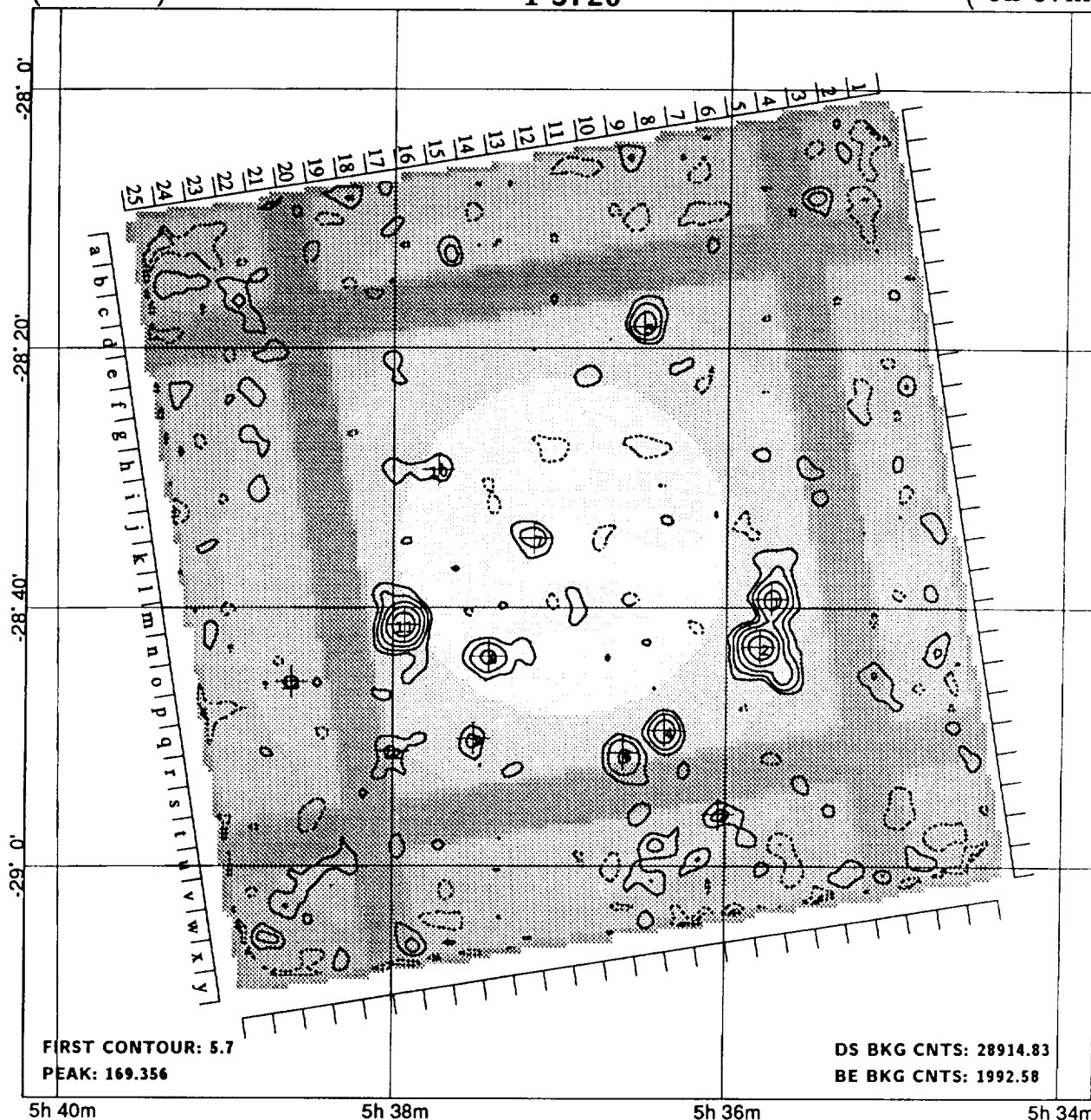
NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS: DG

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1344	1	05 32 27.0	-71 01 17	50	0.0238	0.0027	103.3	32.7	8.9	1.3	0	30.0	aH	SNR
1426	2	05 34 05.9	-70 52 07	52	0.0047	0.0012	31.7	40.3	3.7	1.4	600	17.6		
1431	3	05 34 20.0	-70 29 11	51	0.0058	0.0013	41.6	40.4	4.6	0.7	0	17.2	AH	*
1447	4	05 34 56.0	-70 35 38	38	0.0139	0.0015	116.0	44.0	9.2	1.2	0	10.8	AH	SNR
1478	5	05 36 43.0	-70 40 34	32	0.0123	0.0014	115.2	52.8	8.9	2.3	0	2.2	AH	SNR

(5h 37m)

I 3720

(5h 37m)



0537-286 ,QUASAR SURVEY

FIELD CENTER: $05^h 37^m 00.0^s$ $-28^\circ 35' 59''$ (B1950)
 $05^h 38^m 57.5^s$ $-28^\circ 34' 23''$ (J2000)
 $l: 232.77$ $b: -27.46$

DATE: 1979/ 87 - 1979/ 88

NH: $2.1E+20$

LIVETIME: 23430.4s

REF/ID:

ROLL ANGLE: 81.1°

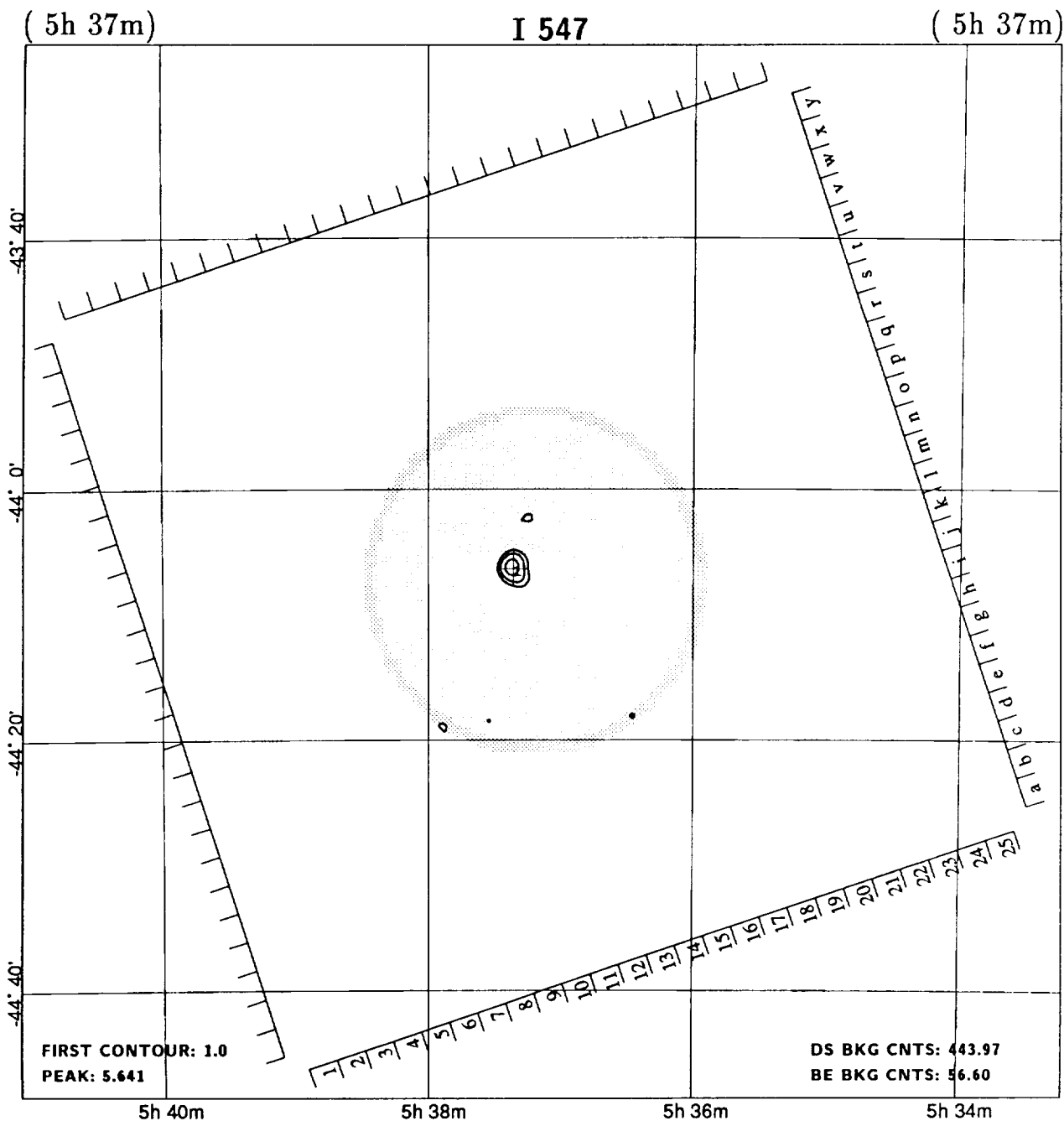
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1462	1	05 35 44.0	-28 39 20	48	0.0136	0.0012	178.8	56.2	11.7	4.6	0	17.0	H	S
1463	2	05 35 48.0	-28 42 59	47	0.0382	0.0018	498.8	63.2	21.0	1.8	0	17.4	H	S
1466	3	05 36 02.5	-28 55 59	61	*0.00320	0.00083	33.5	42.5	3.8	1.0	603	23.4	H	
1471	4	05 36 22.0	-28 49 30	48	0.00847	0.00099	113.5	63.5	8.5	0.9	0	15.7	H	*
1474	5	05 36 30.3	-28 18 18	48	0.0082	0.0010	104.2	57.8	8.2	1.0	0	18.9	H	
1476	6	05 36 36.9	-28 51 14	50	*0.00633	0.00089	83.9	56.1	7.1	1.1	603	16.0	H	S
1485	7	05 37 09.3	-28 34 36	35	0.00429	0.00073	73.8	84.2	5.9	0.9	0	2.5	H	*
1490	8	05 37 25.5	-28 43 43	39	0.00588	0.00082	91.2	70.8	7.2	1.2	0	9.5	H	
1493	9	05 37 30.9	-28 50 07	53	0.00268	0.00073	35.7	57.3	3.7	0.6	0	15.6	H	
1494	10	05 37 43.9	-28 29 21	42	0.00292	0.00070	44.2	68.8	4.2	1.1	0	11.9		

Source Table cont.

I 3720 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1496	11	05 37 55.8	-28 41 16	37	0.0354	0.0017	503.3	62.7	21.2	1.1	0	13.4	H	Q
1497	12	05 37 59.8	-28 51 05	66	*0.00296	0.00077	34.6	46.4	3.8	1.0	804	19.8	H	
1504	13L	05 38 36.4	-28 45 40	57	0.00349	0.00094	36.7	29.3	3.6	0.3	0	23.3		



PKS 0537-44 QUASAR SURVEY

FIELD CENTER: 05^h37^m09.0^s -44°06'39" (B1950)
 05^h38^m38.3^s -44°05'03" (J2000)
 l : 250.07 b : -31.13

DATE: 1979/282 - 1979/282
 LIVETIME: 359.8s
 ROLL ANGLE: -108.4°

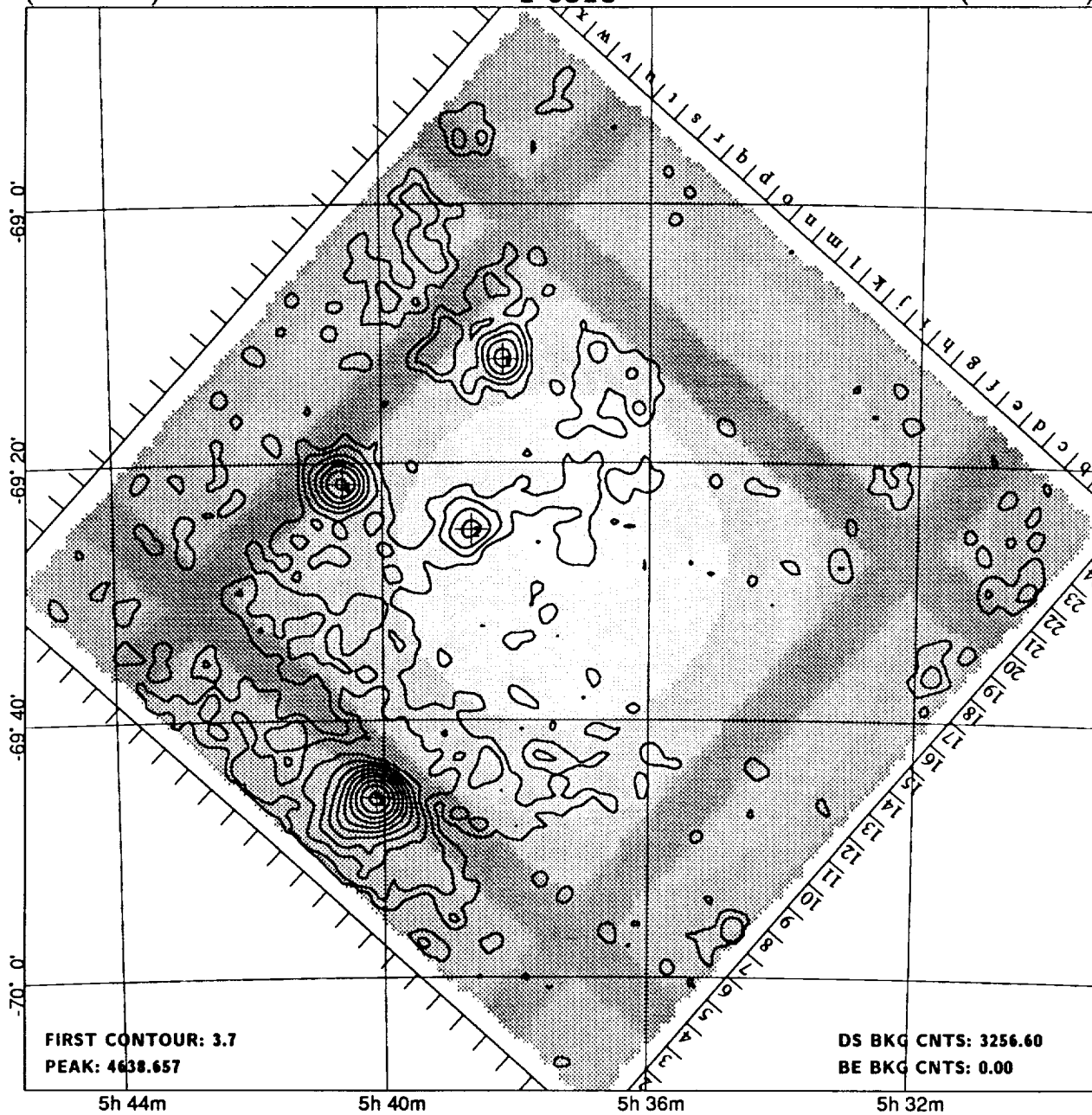
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1488	1	05 37 21.5	-44 06 20	36	0.075	0.017	19.9	1.1	4.3	0.8	0	2.4	AH	*

(5h 37m)

I 6518

(5h 37m)



LMC X-1,IPC CALIBRATION POSITION 21

FIELD CENTER: $05^h37^m19.9^s$ $-69^\circ26'49''$ (B1950)
 $05^h36^m56.4^s$ $-69^\circ25'09''$ (J2000)
 $l: 279.86$ $b: -31.79$

DATE: 1979/314 - 1979/314
 LIVETIME: 2638.9s
 ROLL ANGLE: -138.6°

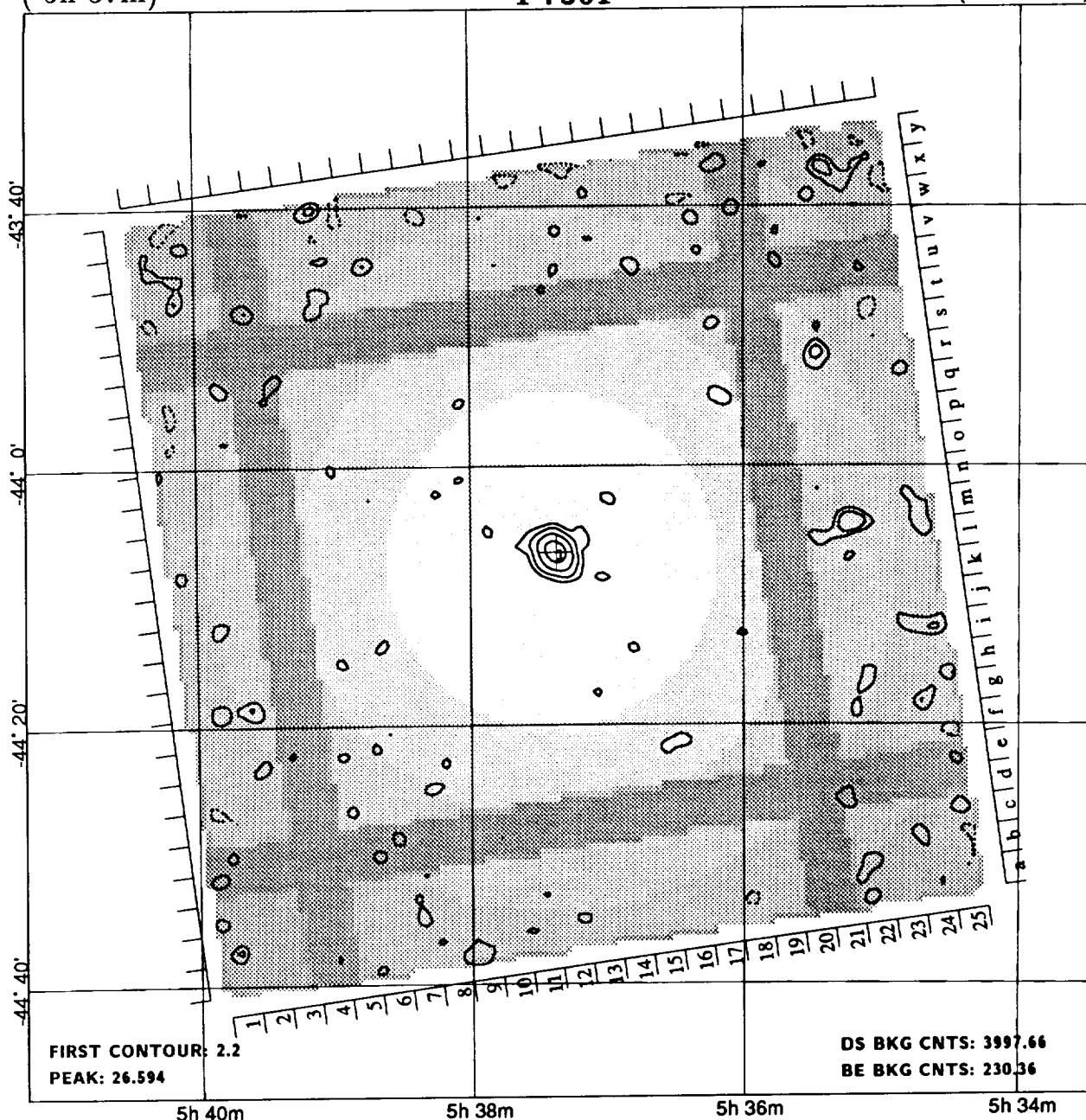
NH: $8.6E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 11.3	-69 11 58	47	0.141	0.012	213.3	34.7	11.7	2.0	0	15.5	A	SNR
1505	2L	05 38 40.1	-69 25 12	38	0.0620	0.0082	113.2	47.8	7.4	138.2	0	7.2	A	S
1522	3L	05 40 07.0	-69 46 02	47	*5.91	0.13	7082.1	896.4	46.8	1.4	805	24.1	A	S
1525	4L	05 40 35.1	-69 21 38	47	*0.516	0.027	734.8	33.2	19.2	23.4	703	18.0	A	P

(5h 37m)

I 7501

(5h 37m)



PKS 0537-441, TEMPORAL STUDIES OF FLUXES & SPECTRA OF BL LAC OBJECTS

FIELD CENTER: $05^h 37^m 20.8^s$ $-44^\circ 06' 47''$ (B1950)
 $05^h 38^m 50.1^s$ $-44^\circ 05' 12''$ (J2000)
 $l: 250.08$ $b: -31.09$

DATE: 1980/271 - 1980/271
 LIVETIME: 3239.4s
 ROLL ANGLE: -97.7°

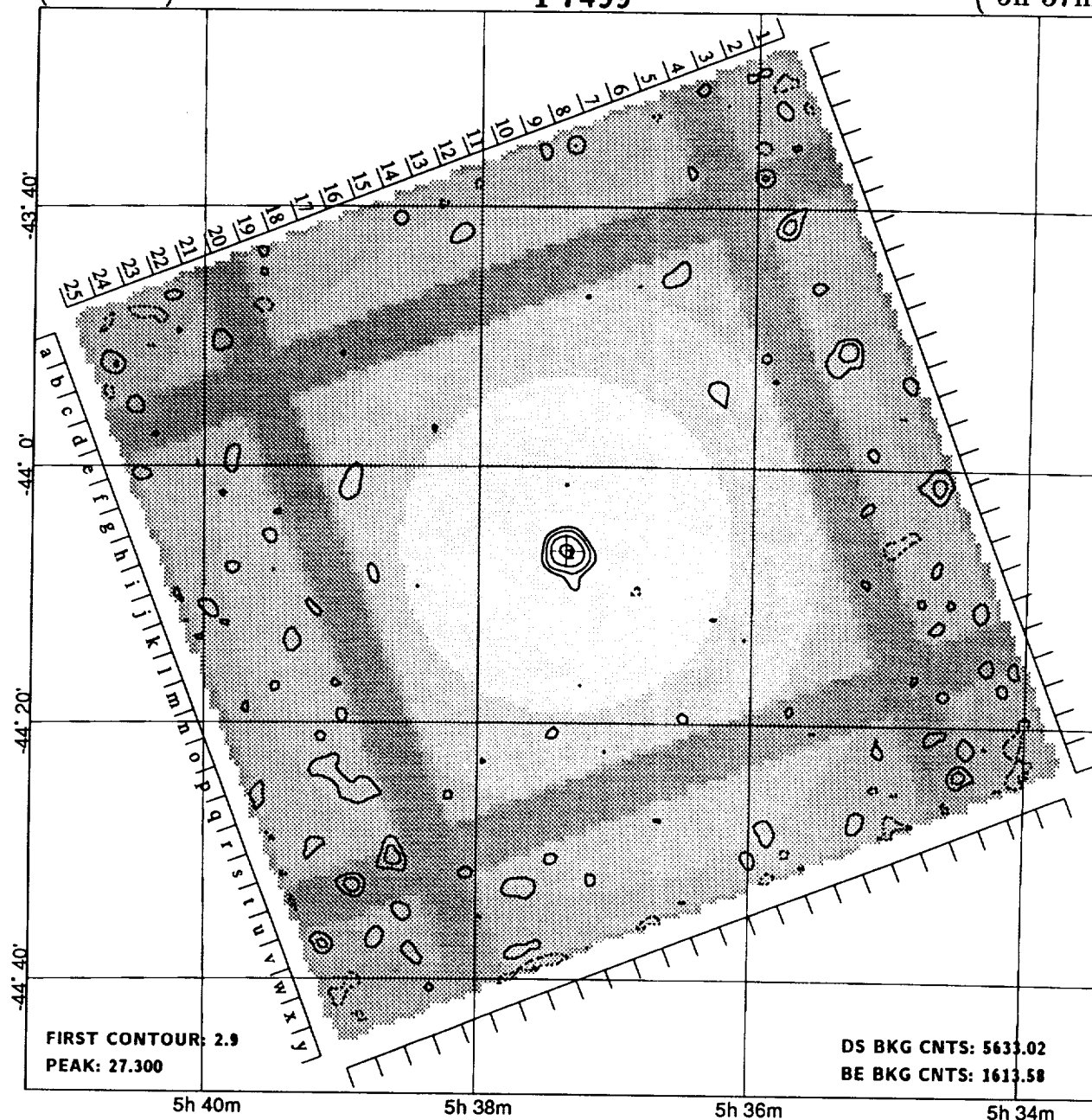
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1488	1	05 37 22.2	-44 06 39	31	0.0459	0.0046	110.8	10.2	10.1	1.2	0	0.6	AH *

(5h 37m)

I 7499

(5h 37m)



PKS 0537-441, TEMPORAL STUDIES OF FLUXES & SPECTRA OF BL LAC OBJECTS

FIELD CENTER: $05^{\text{h}}37^{\text{m}}20.8^{\text{s}}$ $-44^{\circ}06'47''$ (B1950)
 $05^{\text{h}}38^{\text{m}}50.1^{\text{s}}$ $-44^{\circ}05'11''$ (J2000)
 $l: 250.08$ $b: -31.09$

DATE: 1980/ 98 - 1980/ 98
 LIVETIME: 4728.5s
 ROLL ANGLE: 69.0°

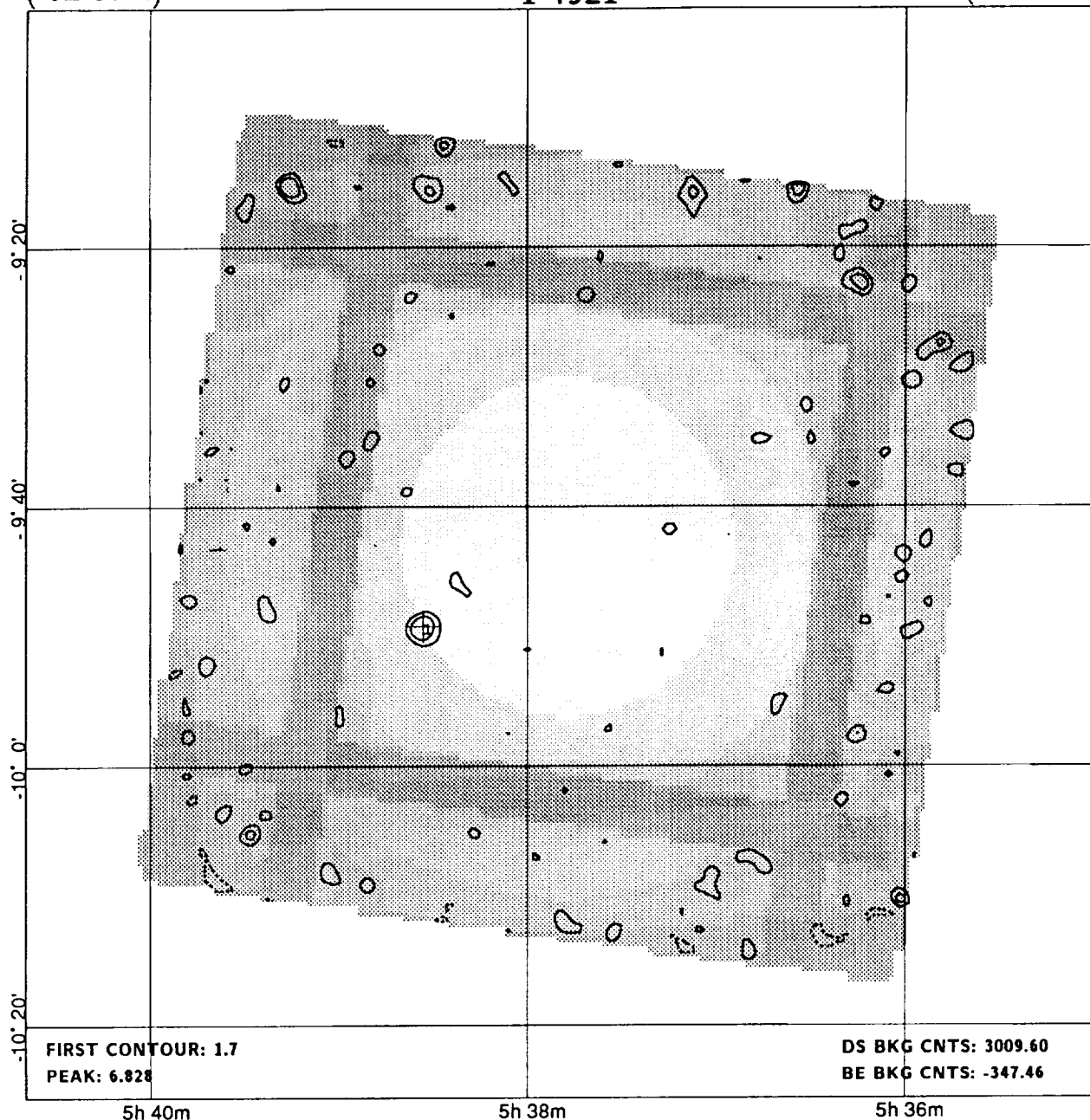
NH: $3.7\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1488	1	05 37 21.8	-44 06 36	31	0.0341	0.0033	120.3	18.7	10.2	1.1	0	0.2	AH *

(5h 37m)

I 4921

(5h 37m)



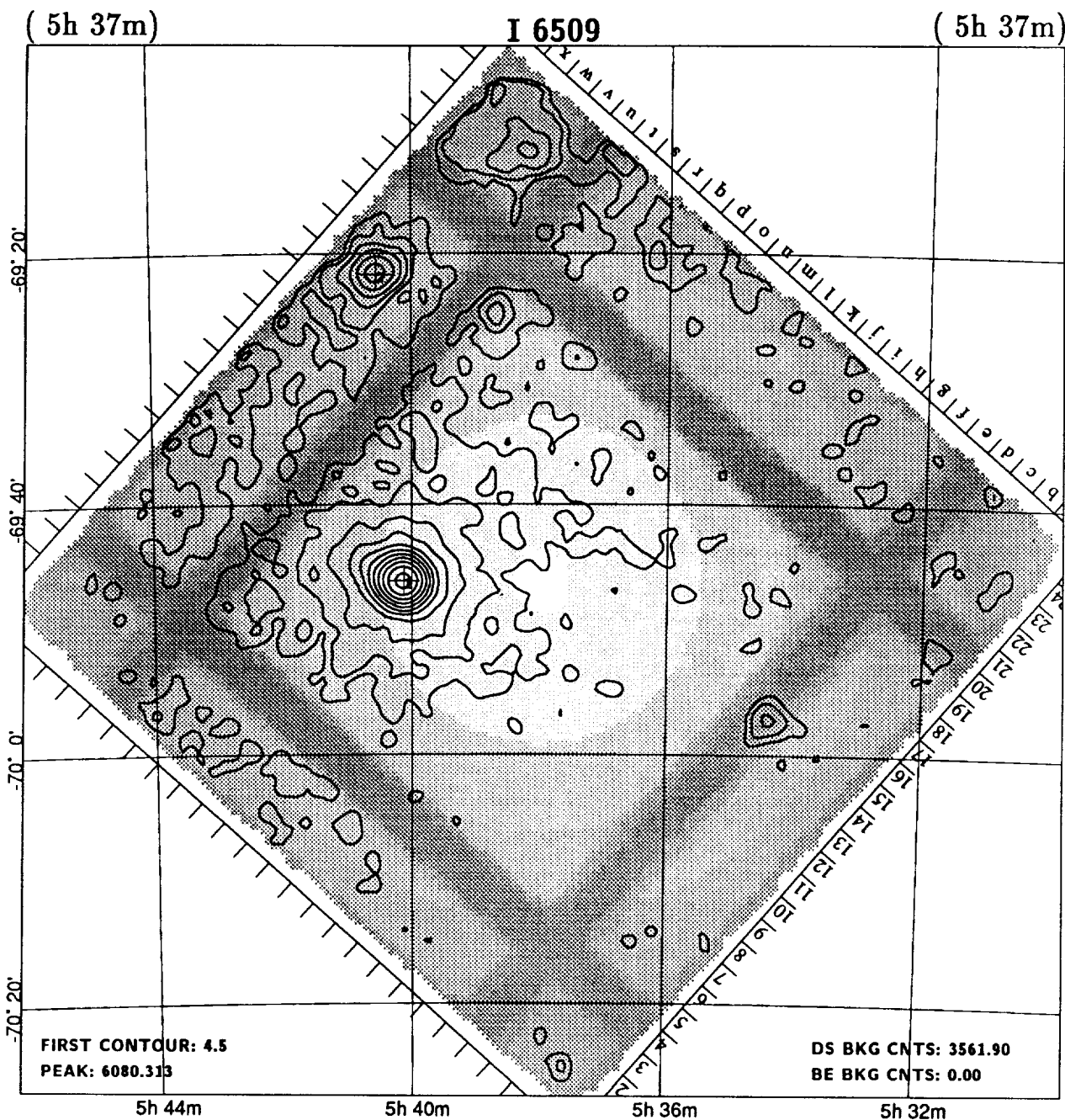
CATAclysmic VARIABLE STARS: V350 ORI

FIELD CENTER: $05^h 37^m 49.0^s$ $-09^\circ 43' 36''$ (B1950)
 $05^h 40^m 11.3^s$ $-09^\circ 42' 05''$ (J2000)
 $l: 213.69$ $b: -20.19$

DATE: 1980/ 64 - 1980/ 80
 LIVETIME: 2526.3s

NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1503	1	05 38 33.2	-09 49 15	43	0.0119	0.0031	18.8	5.2	3.8	0.8	0	12.5	H	



LMC X-1,IPC CALIBRATION POSITION 12

FIELD CENTER: 05^h 37^m 55.7^s -69° 45' 24'' (B1950)
 05^h 37^m 29.2^s -69° 43' 47'' (J2000)
 l : 280.21 b : -31.70

DATE: 1979/313 - 1979/313
 LIVETIME: 2886.3s
 ROLL ANGLE: -138.6°

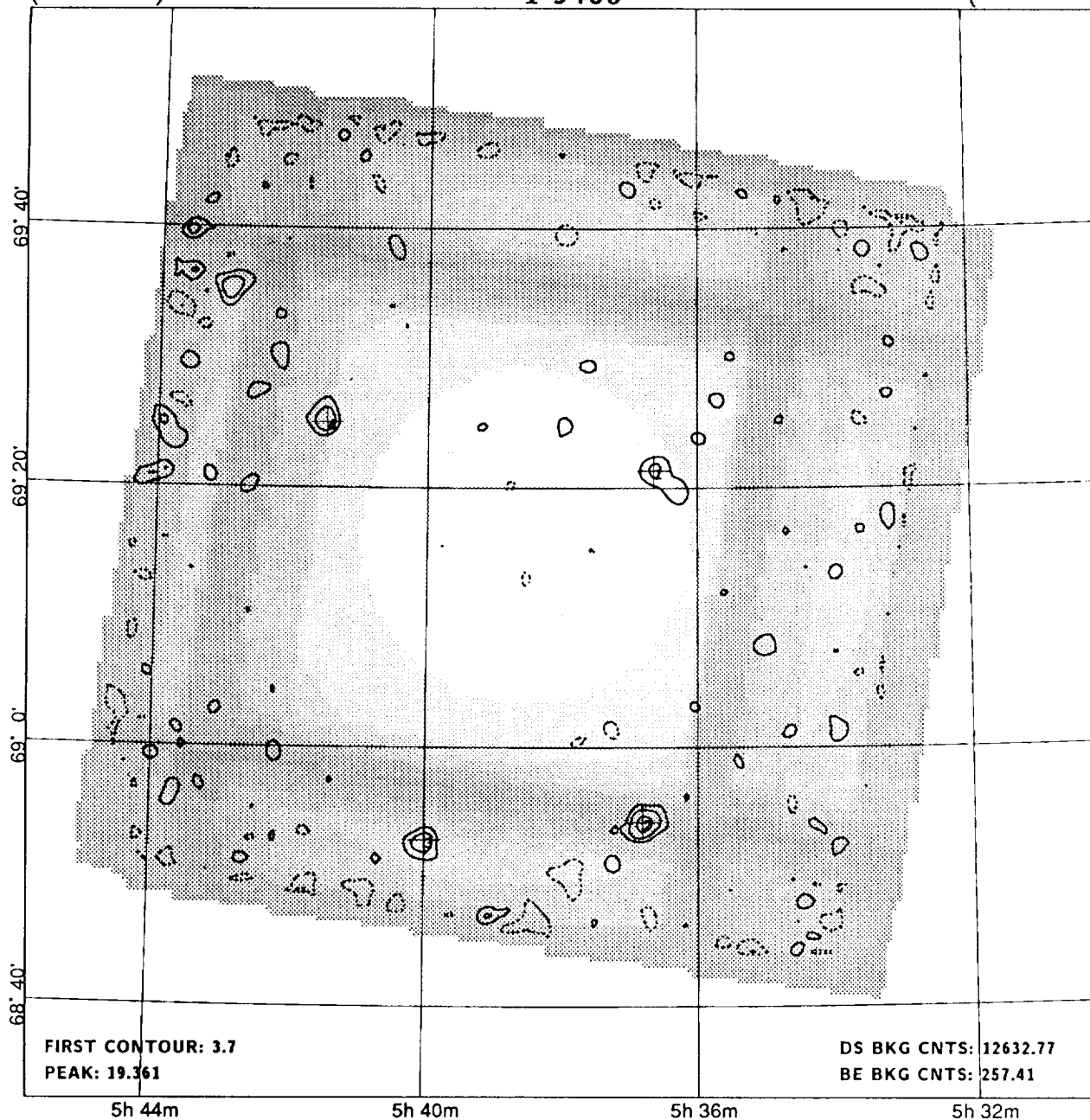
NH: 7.9E+20
 REF/ID:
 FIELD FLAGS: LT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 07.4	-69 46 04	37	10.482	0.083	19775.4	380.6	125.6	1.3	0	11.4	A S	
1525	2L	05 40 32.5	-69 21 41	47	0.317	0.022	351.6	82.4	14.5	1.9	0	27.4	A P	

(5h 37m)

I 9460

(5h 37m)



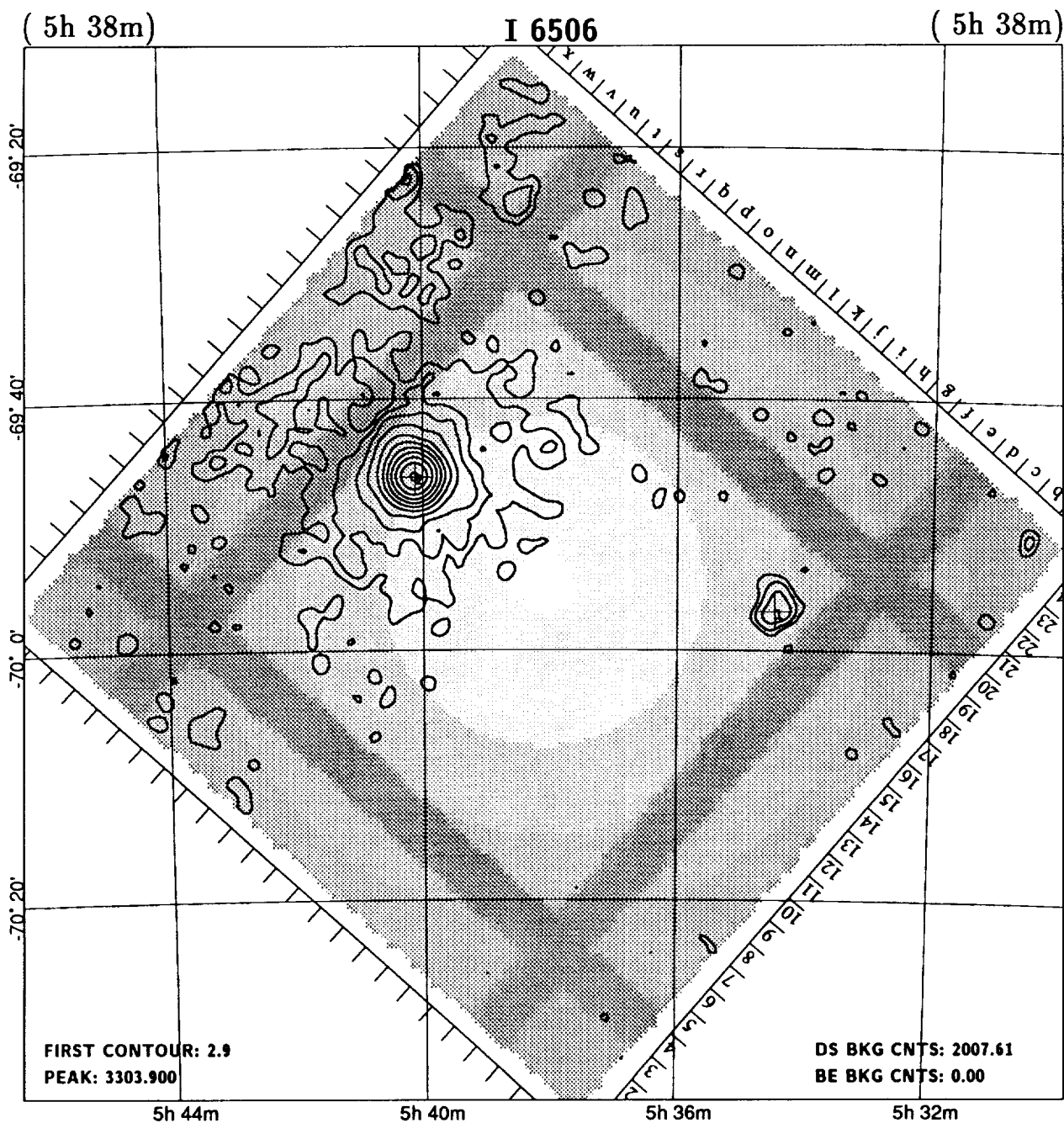
NGC 1961

FIELD CENTER: 05^h37^m59.9^s 69°14'59" (B1950)
05^h43^m29.4^s 69°16'23" (J2000)
 l : 143.98 b : 19.54

DATE: 1980/271 - 1980/272
LIVETIME: 10236.7s

NH: 8.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1477	1	05 36 38.6	69 21 18	43	0.0048	0.0011	32.5	26.5	4.2	1.1	0	9.4	H	
1479	2	05 36 48.0	68 54 11	51	*0.0093	0.0016	43.2	13.8	5.7	1.0	1609	21.6		
1520	3	05 39 59.4	68 52 49	55	0.0053	0.0015	24.0	20.0	3.6	0.8	600	24.6	H	
1534	4	05 41 30.6	69 25 05	51	*0.0061	0.0013	34.0	21.0	4.6	0.8	806	21.3		



LMC X-1, IPC CALIBRATION POSITION 09

FIELD CENTER: 05^h38^m05.9^s -69°53'57" (B1950)
05^h37^m38.0^s -69°52'20" (J2000)
 l : 280.38 b : -31.67

DATE: 1979/313 - 1979/313
LIVETIME: 1626.8s
ROLL ANGLE: -138.6°

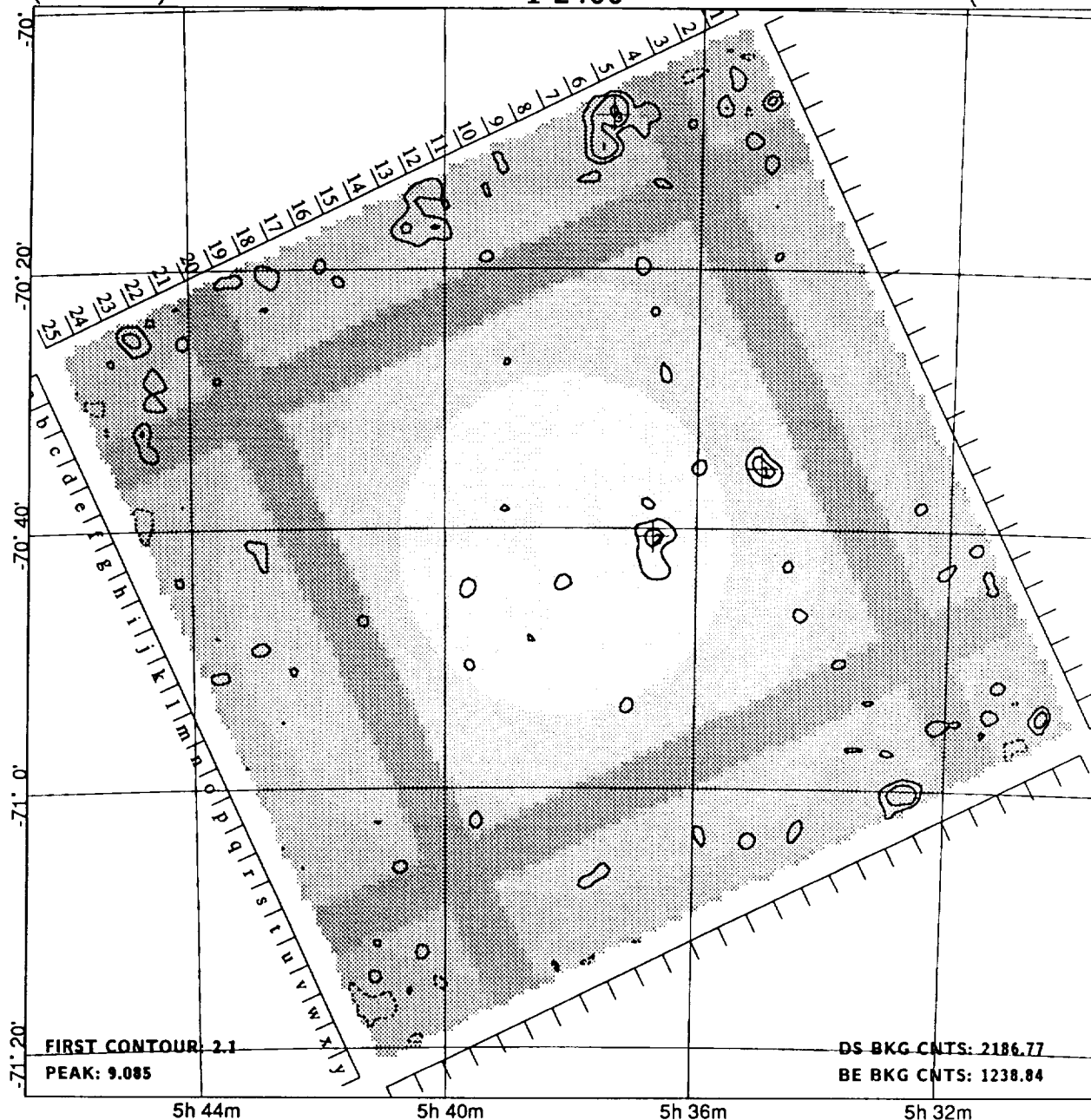
NH: 7.8E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 28.0	-69 56 52	50	0.060	0.011	51.9	14.1	5.4	1.3	100	19.3	A	SNR
1522	2L	05 40 07.4	-69 46 13	37	9.94	0.11	9947.4	419.6	87.6	1.3	0	13.0	A	S

(5h 38m)

I 2466

(5h 38m)



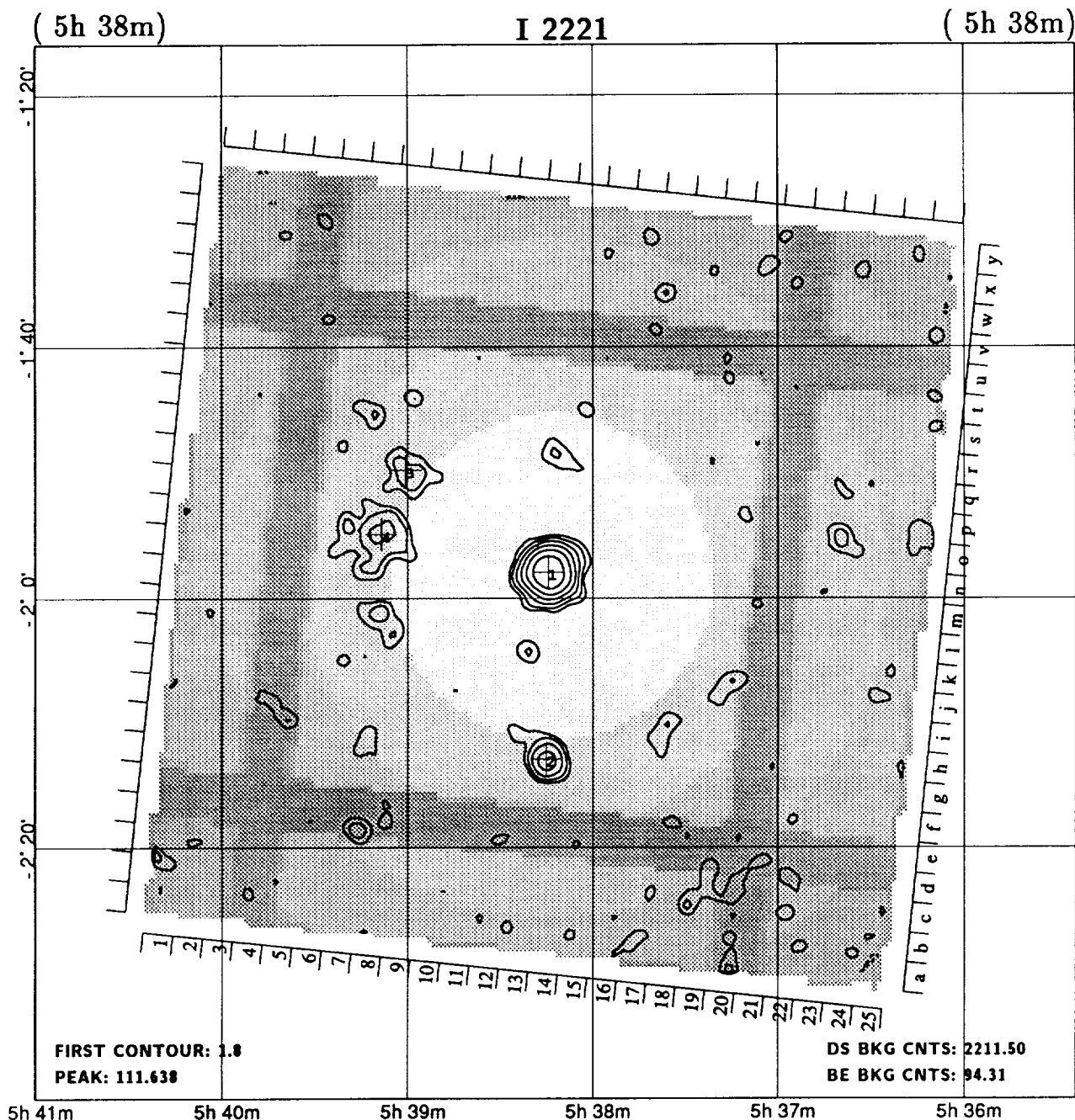
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 38^m 07.2^s$ $-70^\circ 41' 59''$ (B1950)
 $05^h 37^m 31.1^s$ $-70^\circ 40' 22''$ (J2000)
 $l: 281.31$ $b: -31.58$

DATE: 1979/100 - 1979/100
 LIVETIME: 1772.0s
 ROLL ANGLE: 64.6°

NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1447	1	05 34 59.4	-70 35 19	56	0.0184	0.0049	18.5	5.5	3.8	0.8	0	16.9	AH	SNR
1478	2	05 36 41.5	-70 40 35	45	0.0177	0.0044	21.9	8.1	4.0	1.3	0	7.2	AH	SNR
1489	3	05 37 22.4	-70 08 04	56	0.0321	0.0087	16.8	4.2	3.7	2.0	500	34.2	H	



STELLAR SURVEY-EARLY TYPE STARS: HD37742=ZETA ORI

FIELD CENTER: $05^h 38^m 12.0^s$ $-01^\circ 57' 59''$ (B1950)
 $05^h 40^m 43.5^s$ $-01^\circ 56' 30''$ (J2000)
 $l: 206.45$ $b: -16.59$

DATE: 1979/251 - 1979/251
 LIVETIME: 1792.0s
 ROLL ANGLE: -84.0°

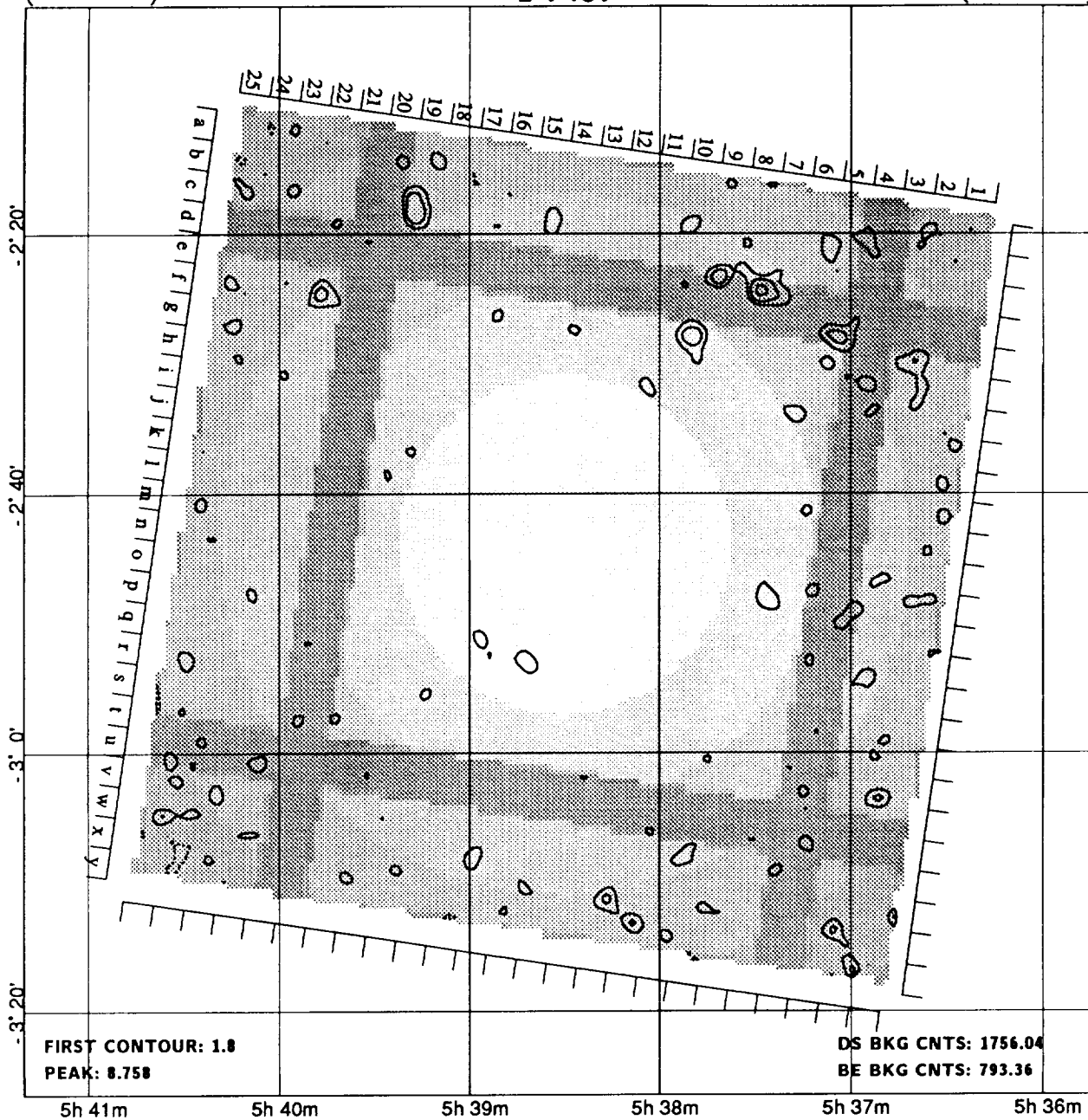
NH: $2.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1500	1	05 38 14.5	-01 57 55	31	0.402	0.017	536.6	5.4	23.0	1.4	0	0.7	H	S
1501	2	05 38 15.1	-02 12 57	41	0.0583	0.0076	62.6	4.4	7.6	1.0	0	14.8	H	
1511	3	05 39 00.6	-01 49 49	46	0.0194	0.0047	20.9	5.1	4.1	1.3	0	14.6	H	
1514	4	05 39 08.5	-01 54 55	42	0.0302	0.0056	32.6	4.4	5.4	2.1	0	14.7	H	

(5h 38m)

I 7437

(5h 38m)

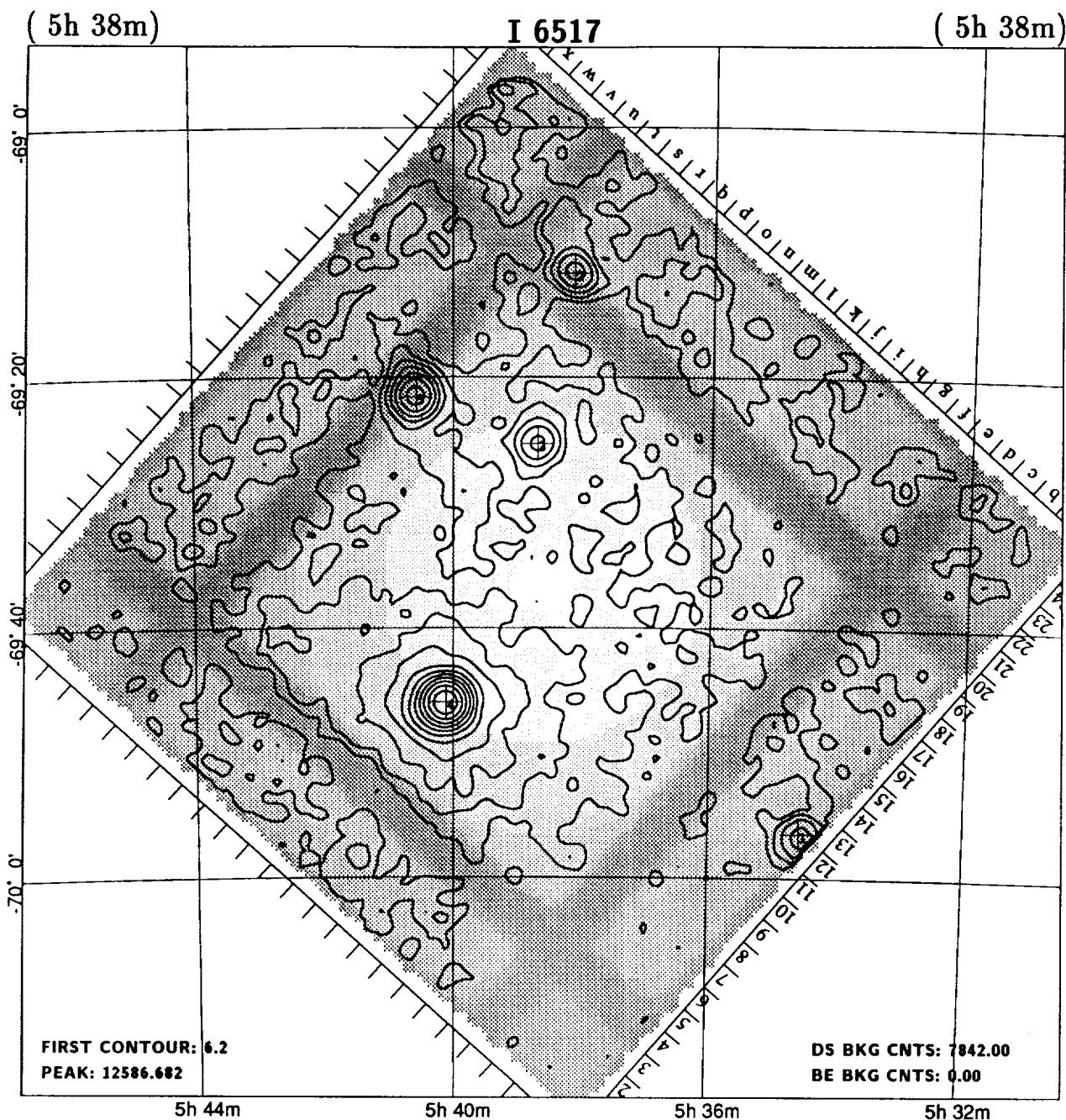


MWC 120,RADIO STAR

FIELD CENTER: $05^{\text{h}}38^{\text{m}}32.0^{\text{s}}$ $-02^{\circ}44'28''$ (B1950)
 $05^{\text{h}}41^{\text{m}}02.5^{\text{s}}$ $-02^{\circ}43'00''$ (J2000)
 $l: 207.20$ $b: -16.88$

DATE: 1981/ 47 - 1981/ 47
 LIVETIME: 1423.0s
 ROLL ANGLE: 98.3°

NH: $2.0\text{E}+21$
 REF/ID:
 FIELD FLAGS:



LMC X-1,IPC CALIBRATION POSITION 20

FIELD CENTER: 05^h38^m35.5^s -69°35'40" (B1950)
05^h38^m10.5^s -69°34'06" (J2000)
 l : 280.02 b : -31.66

DATE: 1979/314 - 1979/314
LIVETIME: 6354.6s
ROLL ANGLE: -138.6°

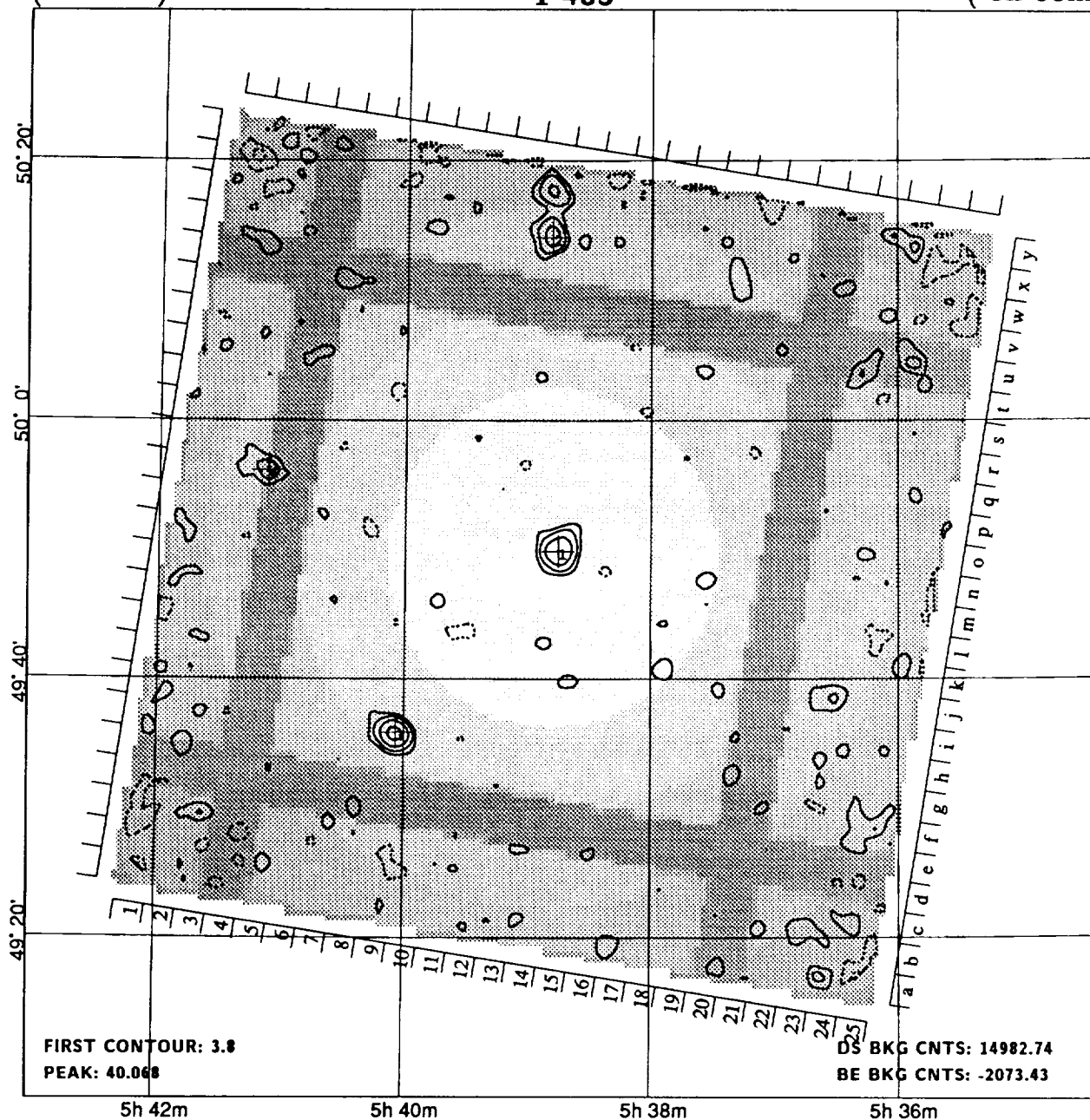
NH: 7.9E+20
REF/ID:
FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1436	1L	05 34 33.8	-69 56 25	48	*0.0558	0.0075	122.6	38.3	7.5	2.0	703	29.6	AI	SNR
1499	2L	05 38 08.2	-69 11 42	47	*0.098	0.013	270.7	47.3	7.6	118.7	1006	24.0	A	SNR
1505	3L	05 38 41.7	-69 25 15	38	0.0916	0.0060	381.1	86.9	15.1	132.3	0	10.4	A	S
1522	4L	05 40 06.6	-69 45 56	37	9.605	0.054	38698.1	356.8	177.0	1.5	0	13.0	A	S
1525	5L	05 40 34.1	-69 21 35	47	*0.308	0.023	1064.9	73.6	13.4	30.5	1007	17.5	A	P

(5h 38m)

I 483

(5h 38m)



3CR 147 (QSO 0538+498) QUASAR SURVEY

FIELD CENTER: $05^h 38^m 43.5^s$ $49^\circ 49' 42''$ (B1950)
 $05^h 42^m 36.1^s$ $49^\circ 51' 07''$ (J2000)
 $l: 161.69$ $b: 10.30$

DATE: 1979/277 - 1979/278
 LIVETIME: 12140.9s
 ROLL ANGLE: -81.0°

NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1506	1	05 38 45.2	49 49 54	31	0.0130	0.0013	118.0	30.0	9.7	1.1	0	0.4	H	Q
1508	2	05 38 48.8	50 14 05	50	0.0087	0.0016	46.0	21.0	5.6	1.6	0	24.4	H	S
1521	3	05 40 04.0	49 35 53	48	0.0142	0.0016	93.2	21.8	8.7	0.9	0	19.0	H	AGN
1531	4	05 41 07.1	49 56 10	54	*0.0043	0.0012	23.6	19.4	3.6	0.9	906	24.0	H	

(5h 38m)



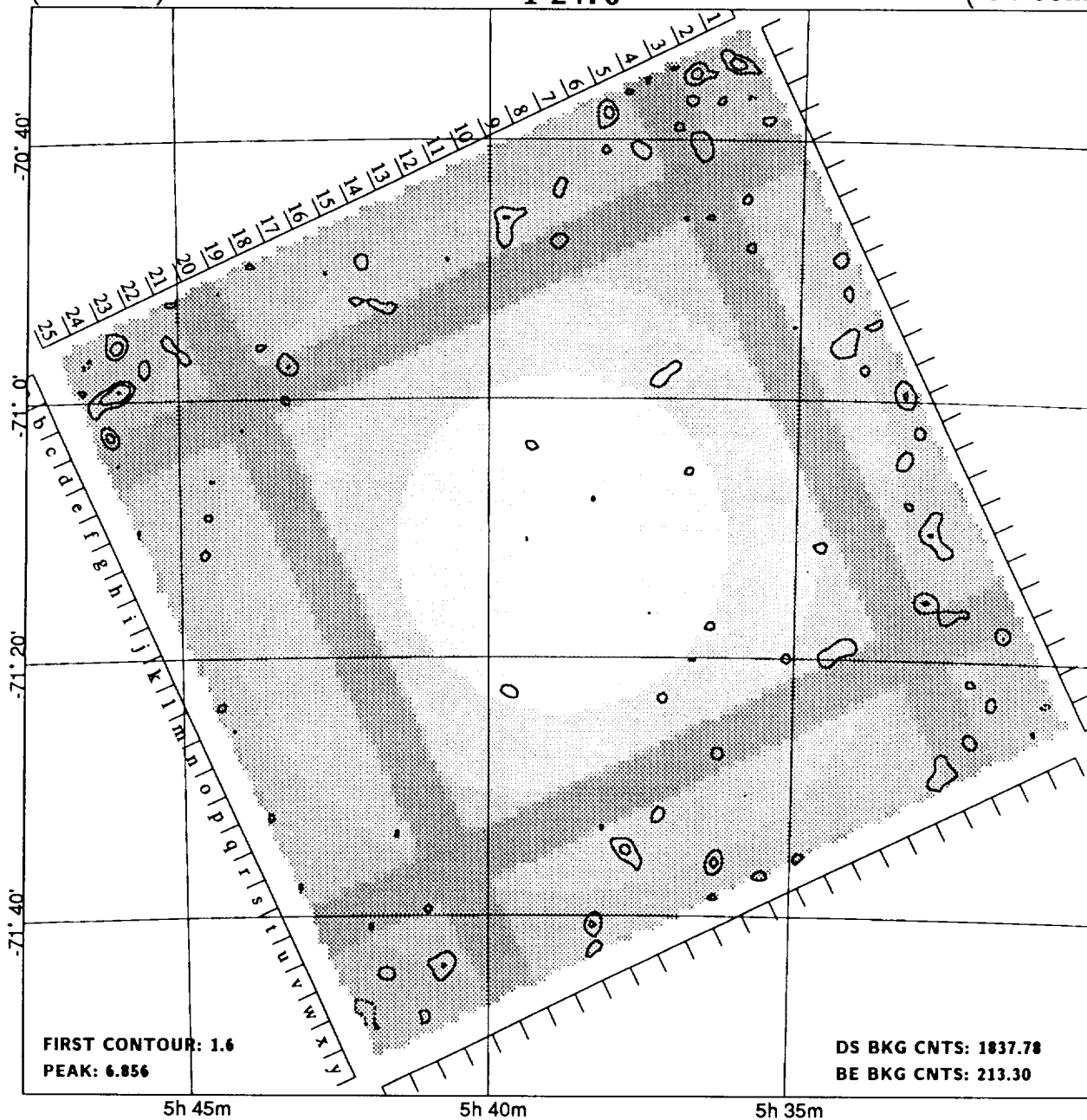
NH: 2.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R' 15.6	SRC FLG	ID
1507	1	05 38 48.6	03 45 11	31	0.1485	0.0064	557.9	17.1	23.3	1.2	0	0.2	H	
1512	2	05 39 02.6	03 29 00	55	0.0089	0.0022	24.9	12.1	4.1	1.2	0	15.6	H	

(5h 38m)

I 2470

(5h 38m)

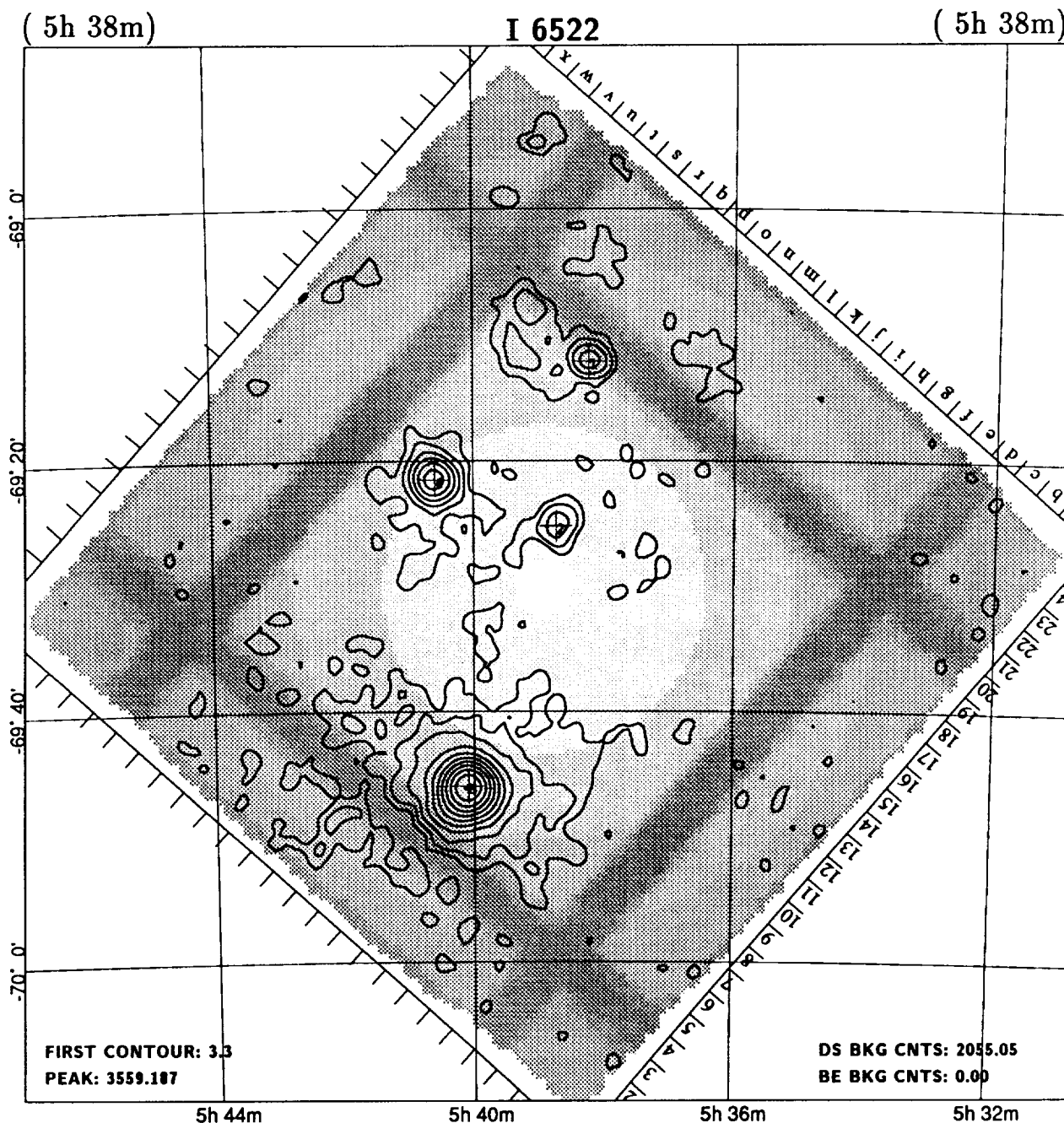


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 38^m 50.4^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 38^m 08.8^s$ $-71^\circ 10' 25''$ (J2000)
 $l: 281.89$ $b: -31.46$

DATE: 1979/100 - 1979/100
 LIVETIME: 1489.2s
 ROLL ANGLE: 64.7°

NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS:



LMC X-1,IPC CALIBRATION POSITION 25

FIELD CENTER: $05^h 38^m 52.6^s$ $-69^\circ 29' 01''$ (B1950)
 $05^h 38^m 28.6^s$ $-69^\circ 27' 28''$ (J2000)
 $l: 279.88$ $b: -31.65$

DATE: 1979/314 - 1979/315
 LIVETIME: 1665.3s
 ROLL ANGLE: -138.6°

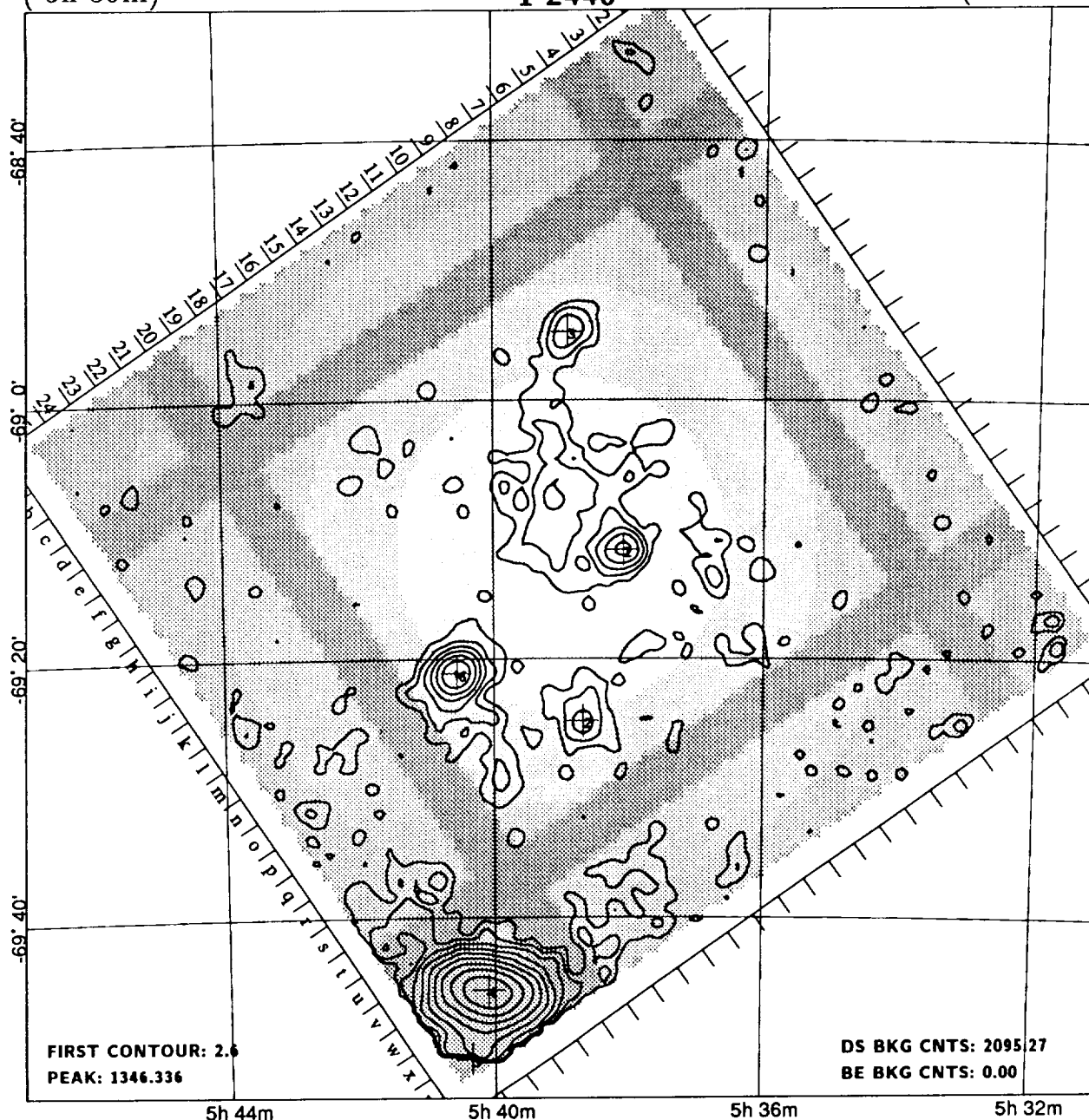
NH: $8.0E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 13.7	-69 12 07	48	*0.098	0.022	88.0	14.0	4.4	2.6	906	17.3	A	SNR
1505	2L	05 38 43.9	-69 25 08	34	0.0574	0.0092	68.3	19.7	6.1	1.4	0	4.2	A	S
1522	3L	05 40 05.5	-69 45 54	47	10.34	0.12	9681.5	381.5	86.6	1.2	0	18.0	A	S
1525	4L	05 40 35.4	-69 21 31	37	0.451	0.024	476.2	38.8	18.6	1.4	0	11.7	A	P

(5h 39m)

I 2440

(5h 39m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h39^m00.0^s -69°11'59" (B1950)
05^h38^m38.7^s -69°10'26" (J2000)
 l : 279.55 b : -31.67

DATE: 1979/101 - 1979/101
LIVETIME: 1697.9s
ROLL ANGLE: 55.5°

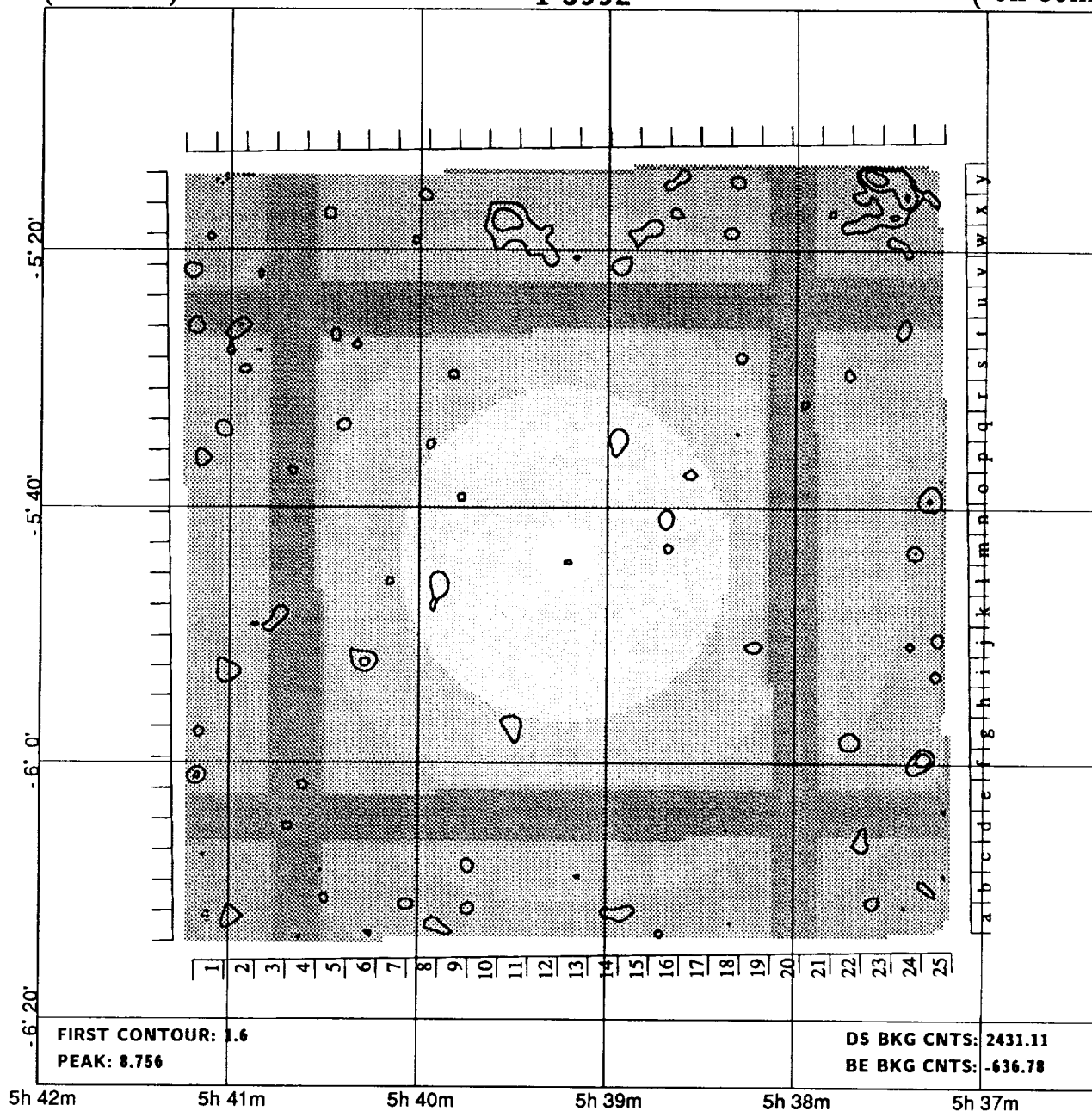
NH: 0.3E+20
REF/ID: !
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 04.5	-69 11 32	38	0.148	0.013	180.2	24.8	10.9	4.0	0	5.0	A	SNR
1505	2L	05 38 40.4	-69 24 46	41	0.0334	0.0089	34.7	23.3	3.7	1.9	0	13.2	A	S
1509	3L	05 38 53.8	-68 54 40	50	0.054	0.010	52.4	18.6	5.2	9.5	0	17.1	A	S
1522	4L	05 40 06.4	-69 45 34	47	3.36	0.13	1548.3	785.7	26.8	2.2	0	34.1	aA	S
1524	5L	05 40 21.1	-69 50 51	48	*0.195	0.048	65.6	55.9	4.1	0.0	701	39.7	EI	
1525	6L	05 40 33.0	-69 21 05	37	0.523	0.026	554.2	35.8	20.3	1.4	0	12.3	A	P

(5h 39m)

I 3992

(5h 39m)



0539-057, OPTICALLY-QUIET COMPACT RADIO SOURCE

FIELD CENTER: $05^h 39^m 11.1^s$ $-05^\circ 43' 17''$ (B1950)
 $05^h 41^m 38.2^s$ $-05^\circ 41' 52''$ (J2000)
 ℓ : 210.06 b : -18.11

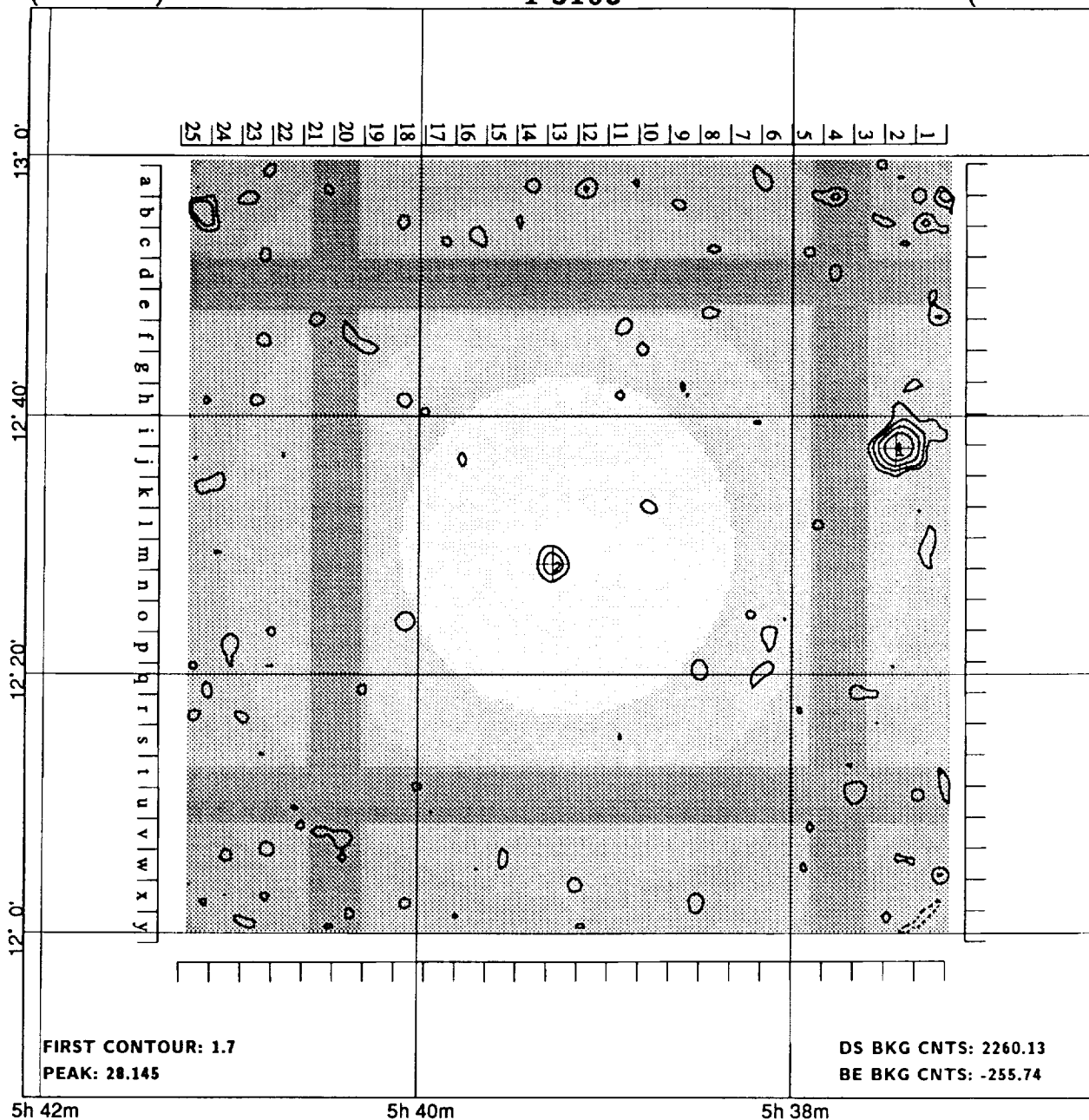
DATE: 1979/267 - 1979/267
 LIVETIME: 1970.0s
 ROLL ANGLE: -90.8°

NH: 1.8E+21
 REF/ID:
 FIELD FLAGS:

(5h 39m)

I 3108

(5h 39m)



COHERENT SAMPLING OF NEARBY STARS: ROSS 47

FIELD CENTER: $05^h 39^m 14.0^s$ $12^\circ 29' 17''$ (B1950)
 $05^h 42^m 02.5^s$ $12^\circ 30' 42''$ (J2000)
 ℓ : 193.67 b : -9.22

DATE: 1979/ 86 - 1979/ 86
 LIVETIME: 1831.4s
 ROLL ANGLE: 89.9°

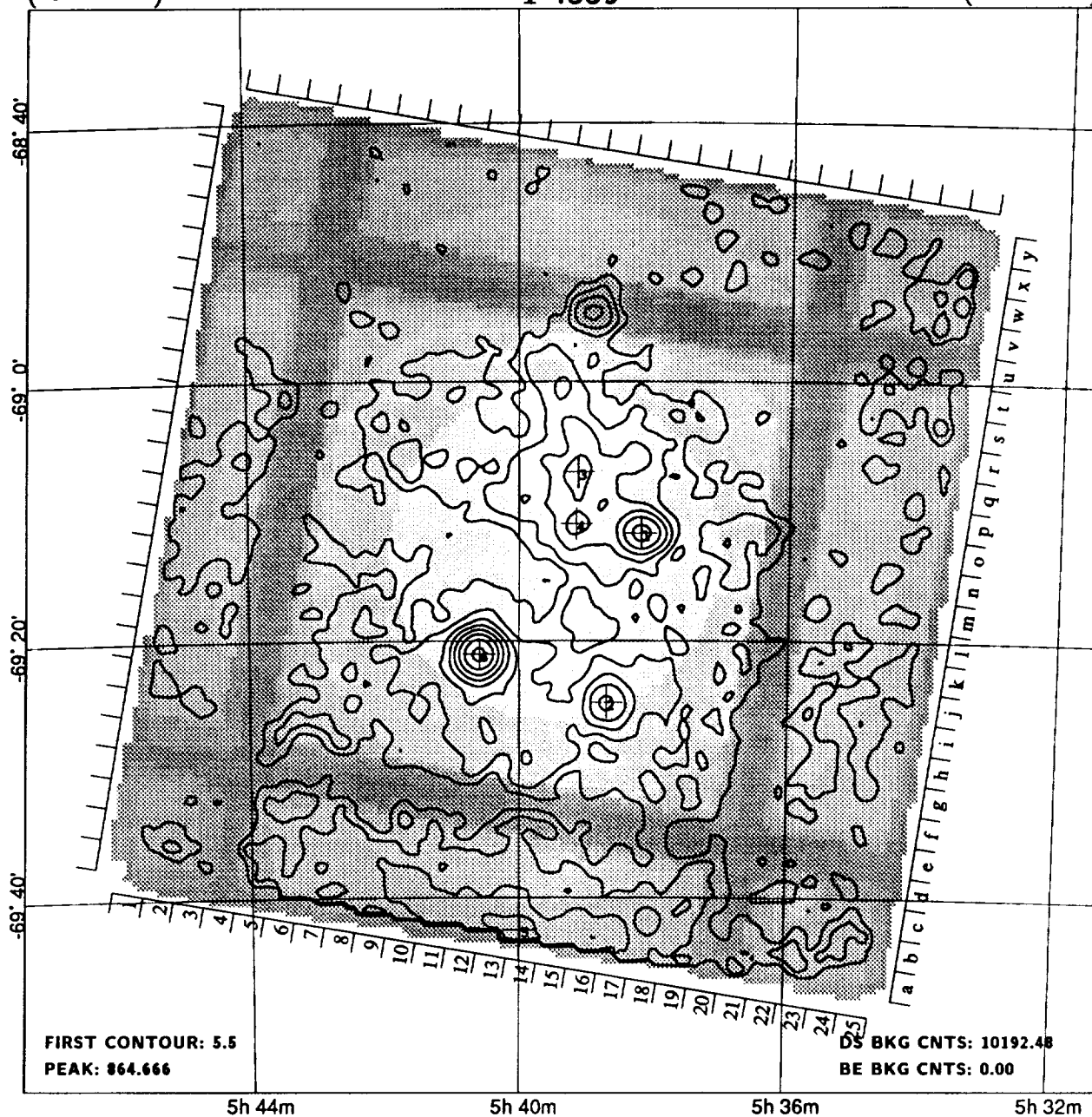
NH: $2.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1491	1	05 37 26.9	12 37 32	50	0.081	0.011	59.4	3.6	7.5	1.2	0	27.3	H	
1517	2	05 39 16.8	12 28 33	37	0.0149	0.0037	20.2	4.8	4.0	0.7	0	0.9	H	S

(5h 39m)

I 4559

(5h 39m)



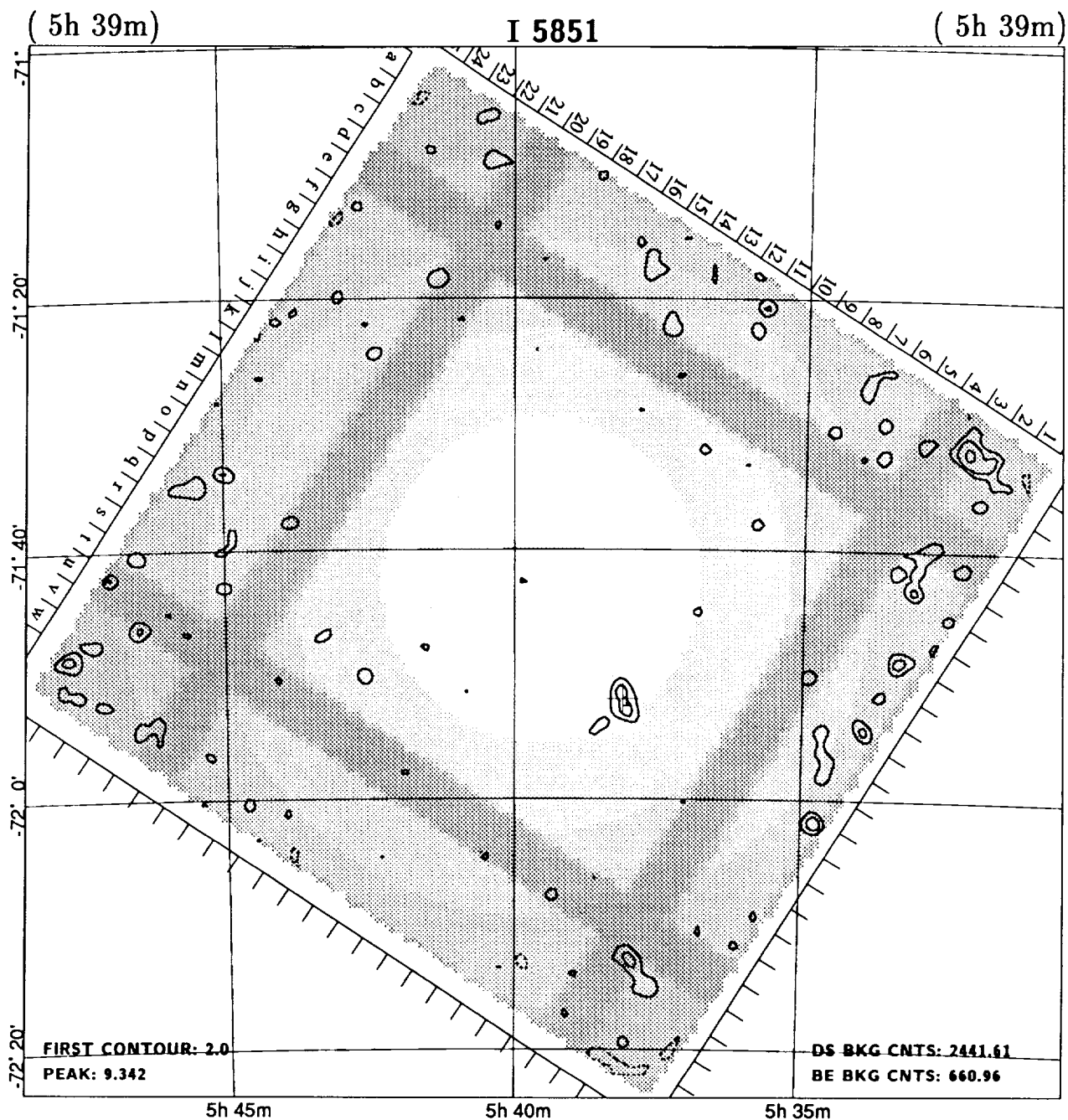
30 DOR, LMC FOLLOWUP, DEEP IPC POINTING

FIELD CENTER: $05^h 39^m 21.6^s$ $-69^\circ 13' 11''$ (B1950)
 $05^h 39^m 00.0^s$ $-69^\circ 11' 40''$ (J2000)
 ℓ : 279.57 b : -31.64

DATE: 1979/251 - 1979/253
 LIVETIME: 8259.2s
 ROLL ANGLE: -80.6°

NH: 8.3E+20
 REF/ID: !
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 11.5	-69 11 40	37	0.1365	0.0060	787.4	141.6	22.4	20.4	0	6.4	A	SNR
1505	2L	05 38 42.0	-69 24 52	38	0.0567	0.0046	298.1	122.9	12.2	42.3	0	12.1	A	S
1513	3L	05 39 07.4	-69 06 58	38	0.0267	0.0038	155.1	163.9	6.9	56.6	0	6.2	A	*
1515	4L	05 39 09.1	-69 10 56	31	0.0229	0.0035	138.4	155.6	6.4	65.8	0	2.6		*
1519	5L	05 39 58.7	-69 42 32	48	*0.0283	0.0062	103.7	103.3	4.6	60.7	703	29.5	aEl	
1525	6L	05 40 35.3	-69 21 02	37	0.523	0.011	2887.0	178.0	46.5	6.0	0	10.2	A	P



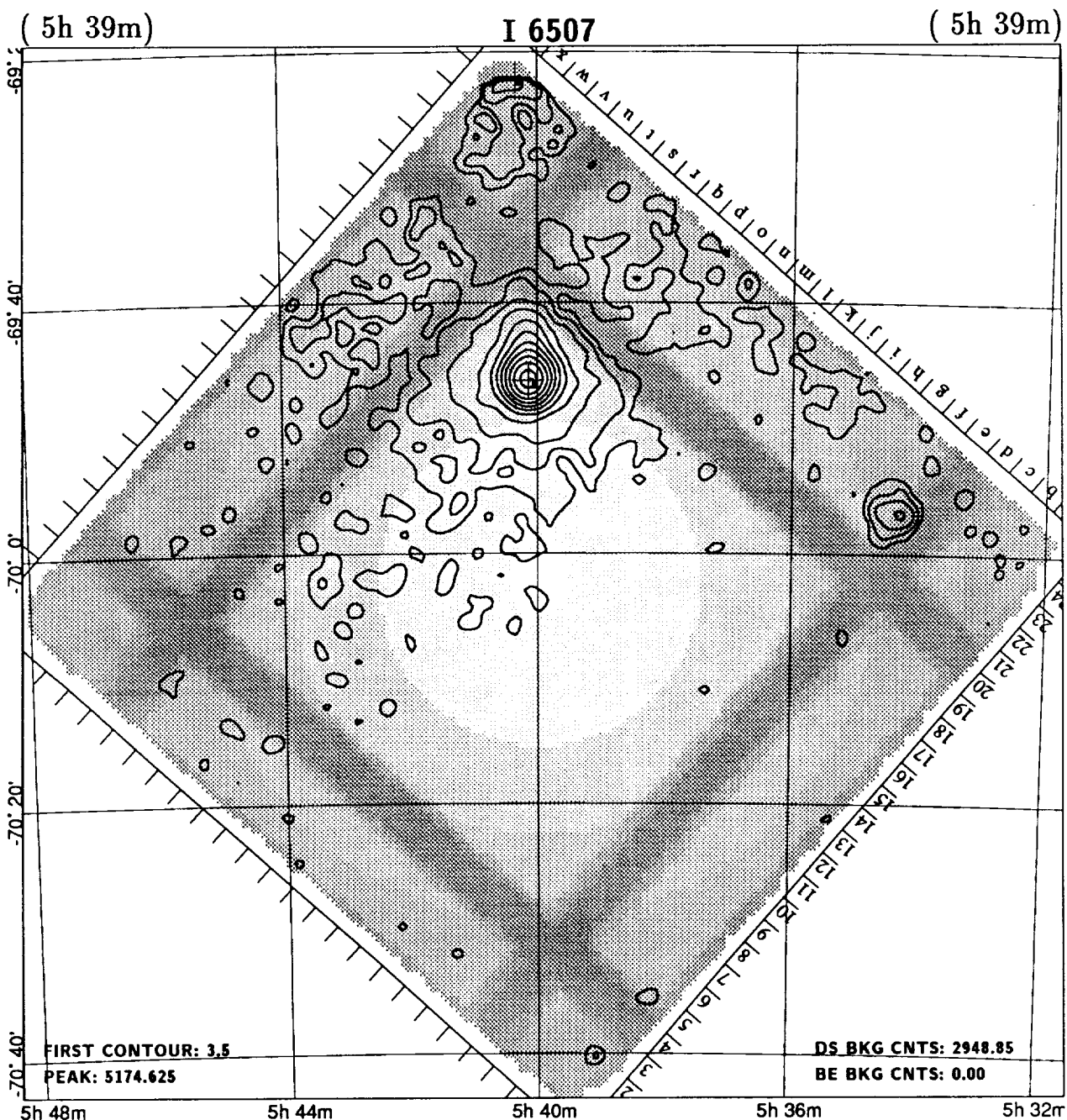
LMC SURVEY:

FIELD CENTER: $05^h 39^m 30.0^s$ $-71^\circ 41' 59''$ (B1950)
 $05^h 38^m 42.6^s$ $-71^\circ 40' 28''$ (J2000)
 $l: 282.46$ $b: -31.34$

DATE: 1980/ 42 - 1980/ 42
 LIVETIME: 1978.5s
 ROLL ANGLE: 122.7°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1498	1	05 38 06.9	-71 52 02	46	0.0154	0.0040	19.7	6.3	3.9	0.8	0	12.2		*



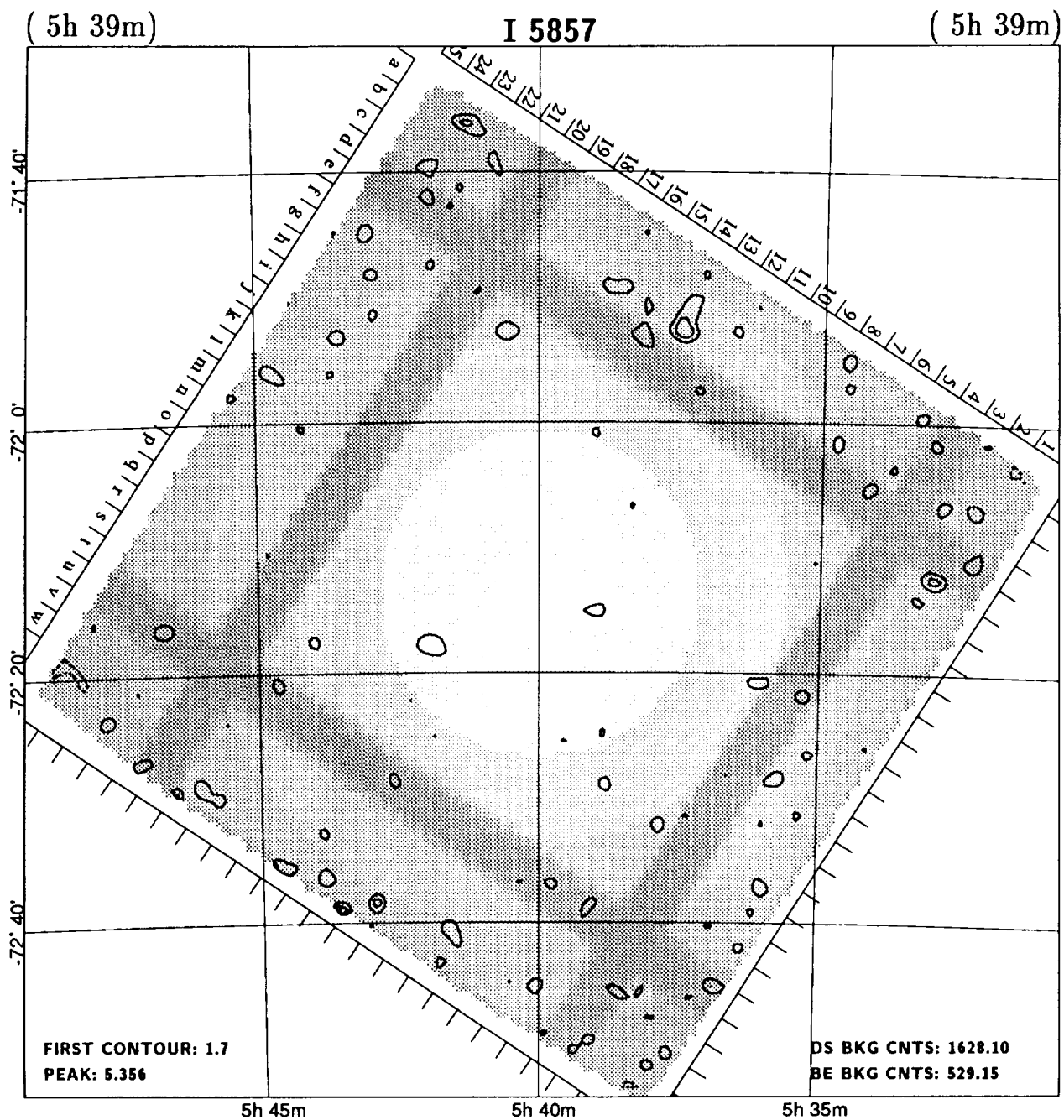
LMC X-1,IPC CALIBRATION POSITION 10

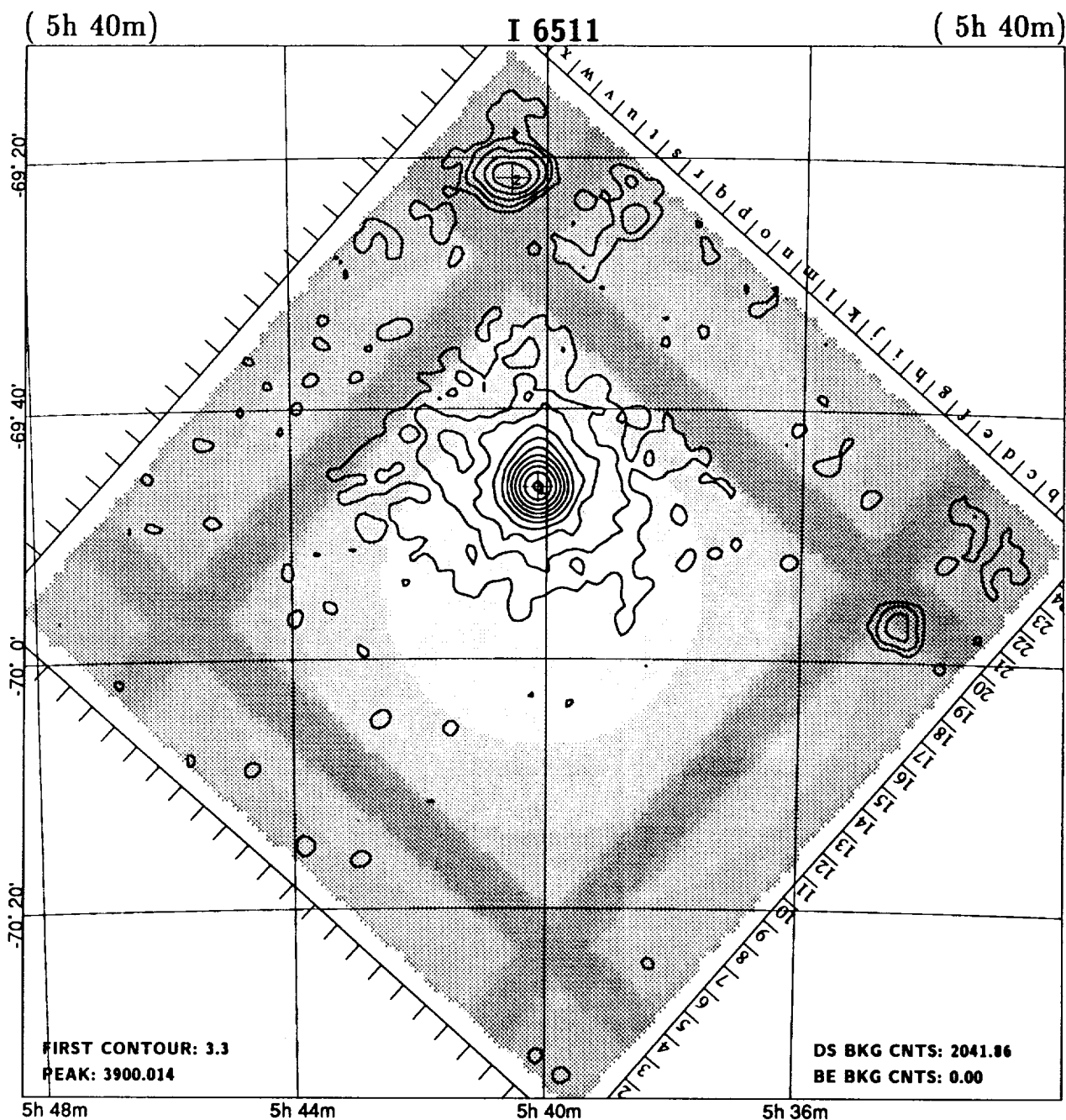
FIELD CENTER: $05^h 39^m 55.1^s$ $-70^\circ 01' 35''$ (B1950)
 $05^h 39^m 25.8^s$ $-70^\circ 00' 06''$ (J2000)
 $l: 280.51$ $b: -31.50$

DATE: 1979/313 - 1979/313
LIVETIME: 2389.5s
ROLL ANGLE: -138.6°

NH: $7.7E+20$
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 08.5	-69 46 12	47	10.225	0.098	13995.4	502.6	104.4	1.3	0	15.4	A	S
1525	2L	05 40 20.1	-69 22 02	48	*0.095	0.025	66.0	52.5	3.8	0.0	802	39.7	AEI	P





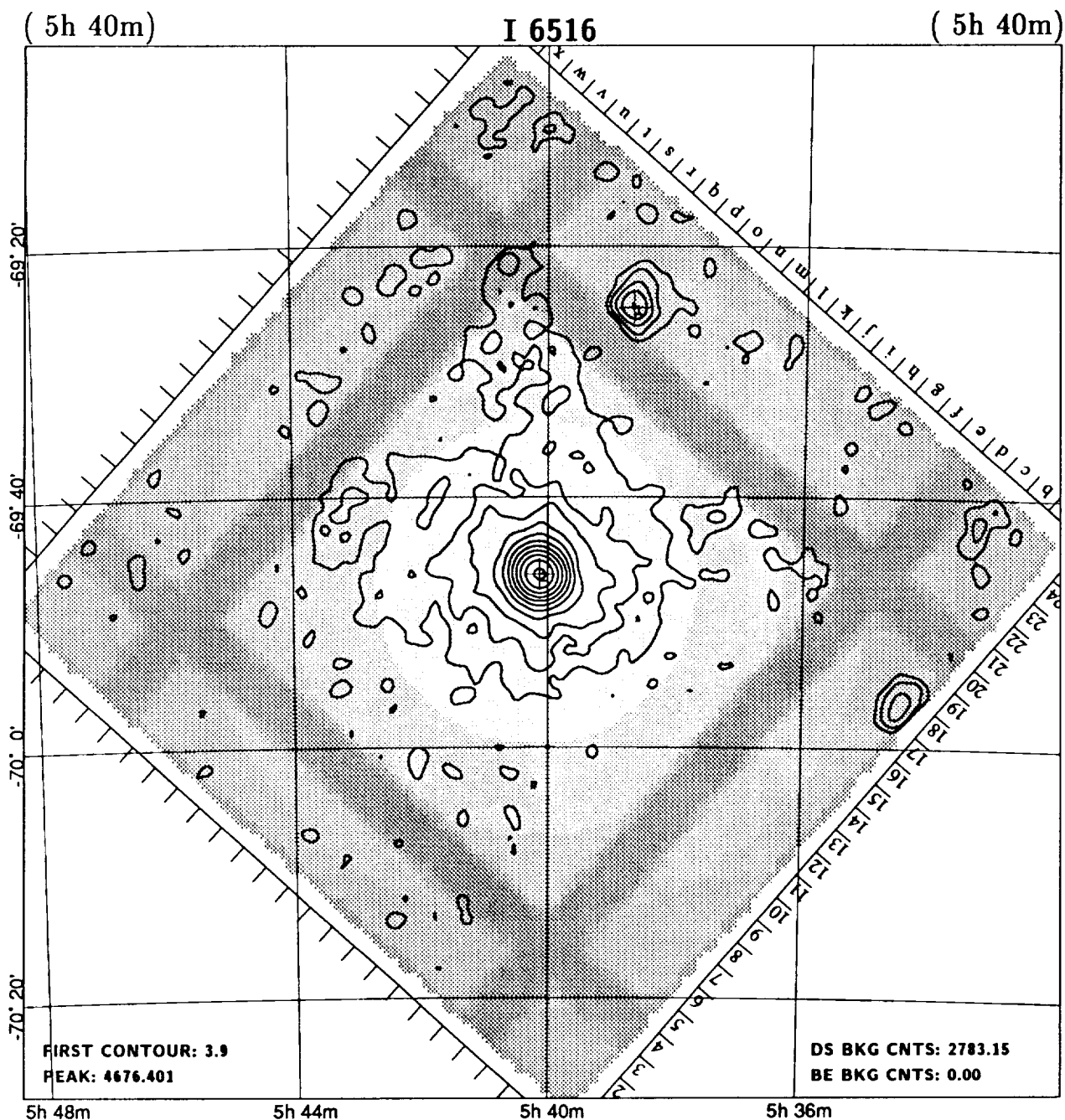
LMC X-1,IPC CALIBRATION POSITION 14

FIELD CENTER: 05^h 40^m 01.3^s -69° 53' 06" (B1950)
05^h 39^m 33.4^s -69° 51' 38" (J2000)
 l : 280.34 b : -31.51

DATE: 1979/314 - 1979/314
LIVETIME: 1654.6s
ROLL ANGLE: -138.6°

NH: 7.8E+20
REF/ID:
FIELD FLAGS: LT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 08.4	-69 46 10	37	11.46	0.11	13093.1	610.9	100.2	1.3	0	7.0	A S	
1525	2L	05 40 32.5	-69 21 36	47	0.268	0.032	138.4	54.6	8.2	1.7	200	31.6	A P	



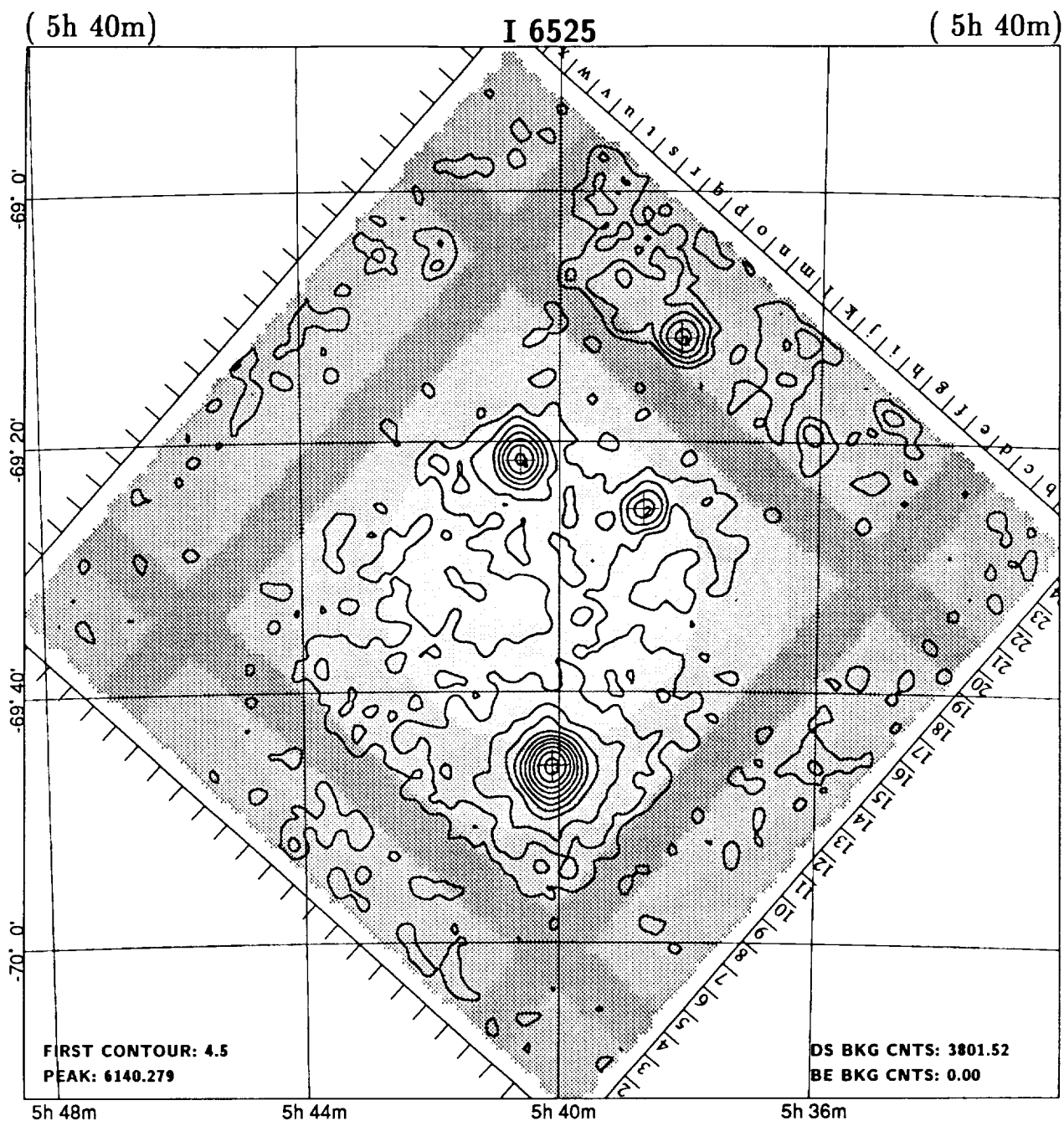
LMC X-1,IPC CALIBRATION POSITION 19

FIELD CENTER: 05^h40^m06.3^s -69°46'03" (B1950)
05^h39^m39.5^s -69°44'35" (J2000)
 l : 280.20 b : -31.51

DATE: 1979/314 - 1979/314
LIVETIME: 2255.3s
ROLL ANGLE: -138.6°

NH: 7.8E+20
REF/ID:
FIELD FLAGS: LT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1505	1L	05 38 40.1	-69 24 55	48	0.118	0.014	122.0	29.0	8.3	1.4	300	22.4	A S	
1522	2L	05 40 07.9	-69 46 08	31	10.551	0.090	17741.8	649.2	117.5	1.3	0	0.2	A S	



LMC X-1,IPC CALIBRATION POSITION 28

FIELD CENTER: $05^h 40^m 17.5^s$ $-69^\circ 30' 32''$ (B1950)
 $05^h 39^m 53.2^s$ $-69^\circ 29' 05''$ (J2000)
 $l: 279.90$ $b: -31.52$

DATE: 1979/315 - 1979/315
 LIVETIME: 3080.5s
 ROLL ANGLE: -138.6°

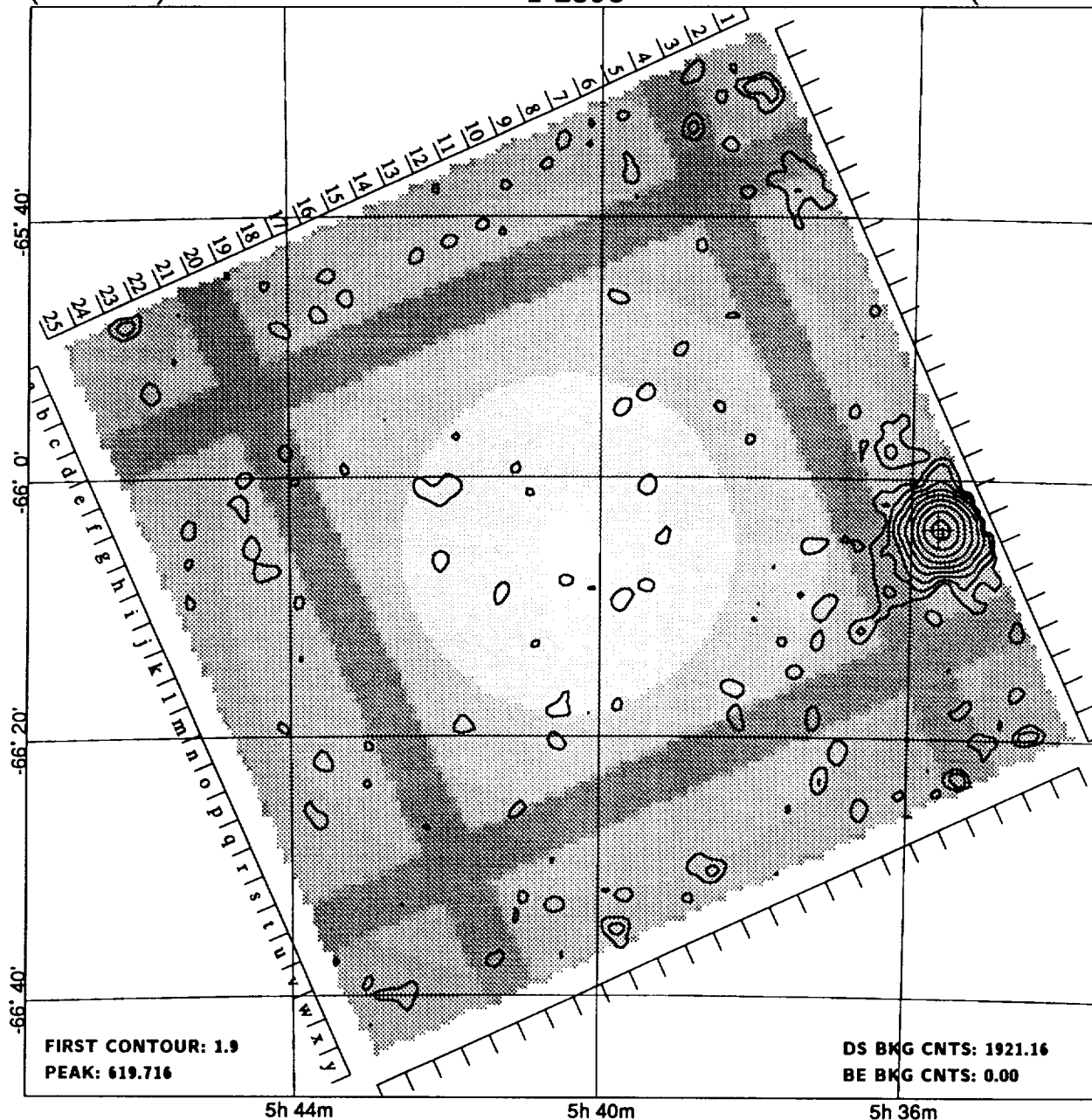
NH: $7.9E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 08.3	-69 11 42	47	0.140	0.012	201.4	39.6	11.1	3.1	100	22.0	A	SNR
1505	2L	05 38 42.1	-69 25 23	38	0.0806	0.0080	164.8	37.2	9.9	145.2	0	9.7	A	S
1522	3L	05 40 06.7	-69 45 52	47	9.572	0.081	17593.6	495.5	117.7	1.4	0	15.4	A	S
1525	4L	05 40 36.2	-69 21 30	37	0.510	0.018	1049.3	69.7	27.9	25.1	0	9.2	A	P

(5h 40m)

I 2398

(5h 40m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 40^m 26.4^s$ $-66^\circ 05' 59''$ (B1950)
 $05^h 40^m 29.9^s$ $-66^\circ 04' 34''$ (J2000)
 $l: 275.91$ $b: -31.79$

DATE: 1979/100 - 1979/100

NH: 5.9E+20

LIVETIME: 1556.8s

REF/ID:

ROLL ANGLE: 65.7°

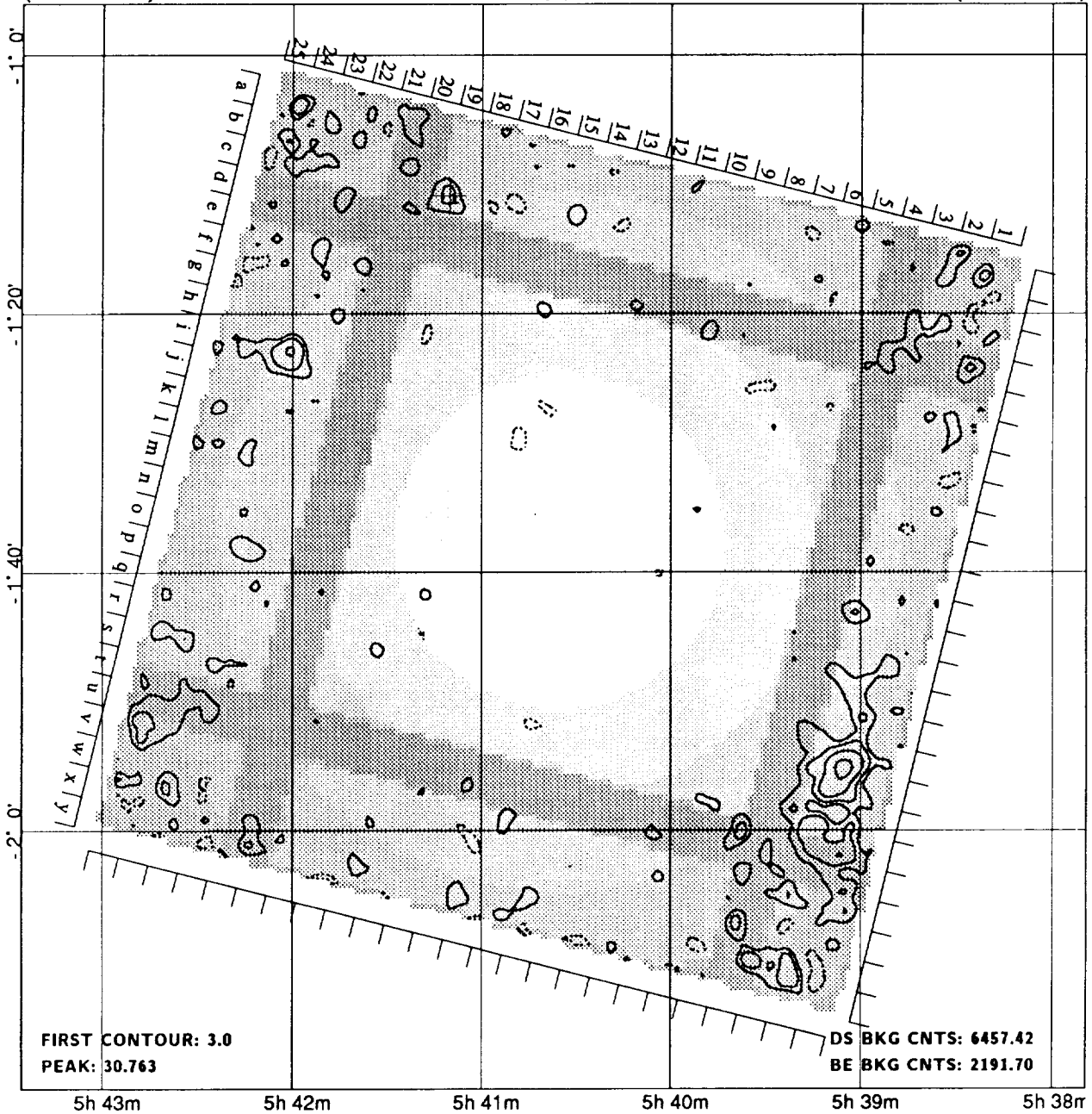
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1461	1L	05 35 39.4	-66 03 50	47	1.997	0.074	1141.5	230.5	26.7	1.5	0	29.2	A	SNR

(5h 40m)

I 9061

(5h 40m)



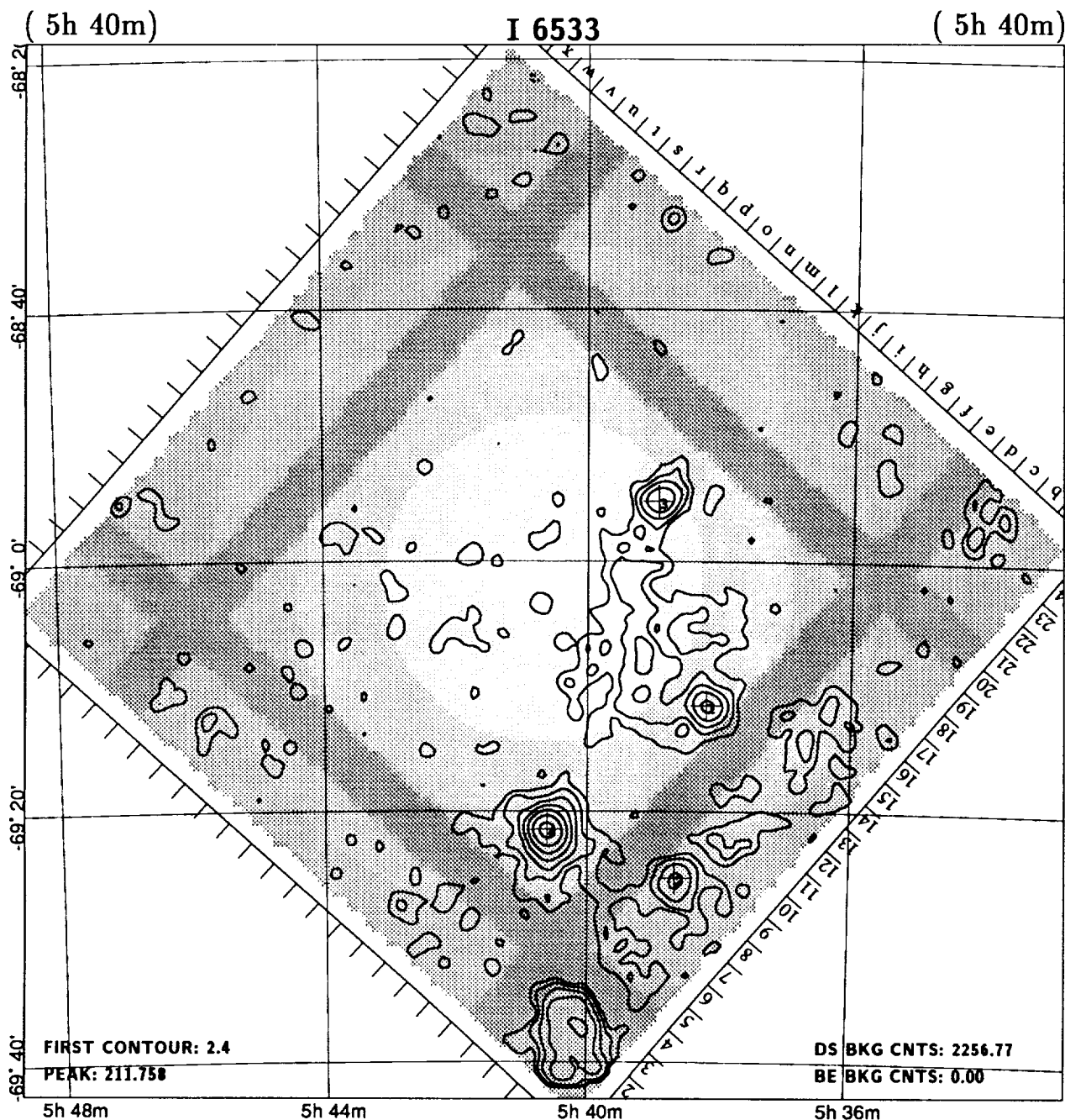
CORONAL ACTIVITY IN F, G, & K STARS: HD 38099

FIELD CENTER: $05^h 40^m 37.5^s$ $-01^\circ 38' 04''$ (B1950)
 $05^h 43^m 09.3^s$ $-01^\circ 36' 45''$ (J2000)
 $l: 206.44$ $b: -15.90$

DATE: 1981/ 47 - 1981/ 47
 LIVETIME: 5232.6s
 ROLL ANGLE: 104.0°

NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1532	1L	05 41 10.2	-01 10 51	61	*0.0137	0.0035	27.3	3.1	3.5	0.8	901	28.4	



LMC X-1, IPC CALIBRATION POSITION 36

FIELD CENTER: $05^{\text{h}}40^{\text{m}}38.9^{\text{s}}$ $-69^{\circ}00'54''$ (B1950)
 $05^{\text{h}}40^{\text{m}}19.1^{\text{s}}$ $-68^{\circ}59'29''$ (J2000)
 $l: 279.32$ $b: -31.54$

DATE: 1979/315 - 1979/315
 LIVETIME: 1828.7s
 ROLL ANGLE: -138.6°

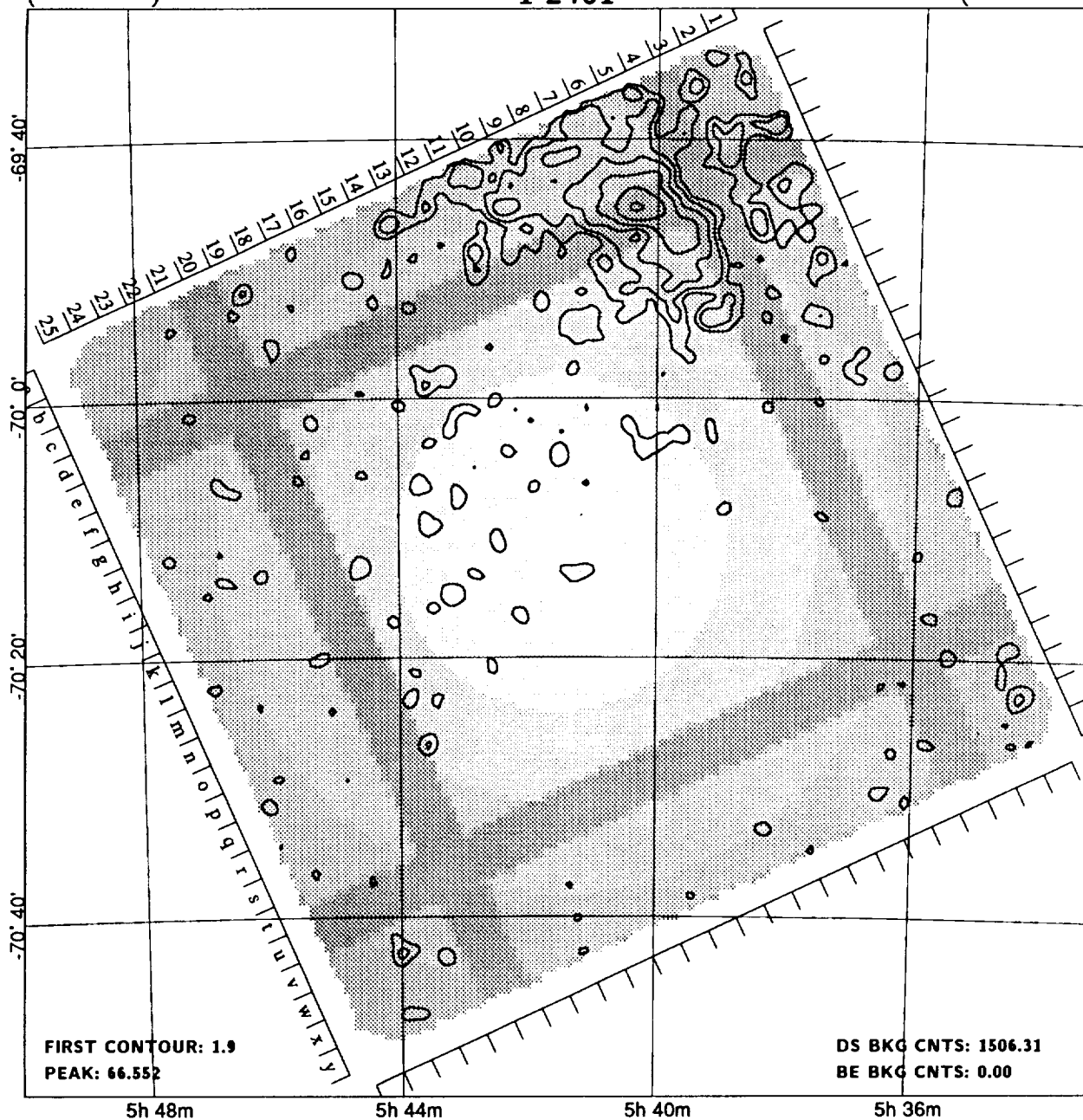
NH: $7.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 11.3	-69 11 35	48	0.109	0.013	113.5	25.5	8.1	5.6	300	17.0	A	SNR
1505	2L	05 38 39.6	-69 25 18	50	*0.058	0.013	44.2	15.5	4.4	13.3	401	26.6	A	S
1509	3L	05 38 56.0	-68 55 07	38	0.093	0.011	111.0	21.0	8.3	6.9	0	10.9	A	S
1525	4L	05 40 36.8	-69 21 24	47	0.525	0.028	493.5	51.5	18.6	1.8	0	20.5	A	P

(5h 41m)

I 2461

(5h 41m)

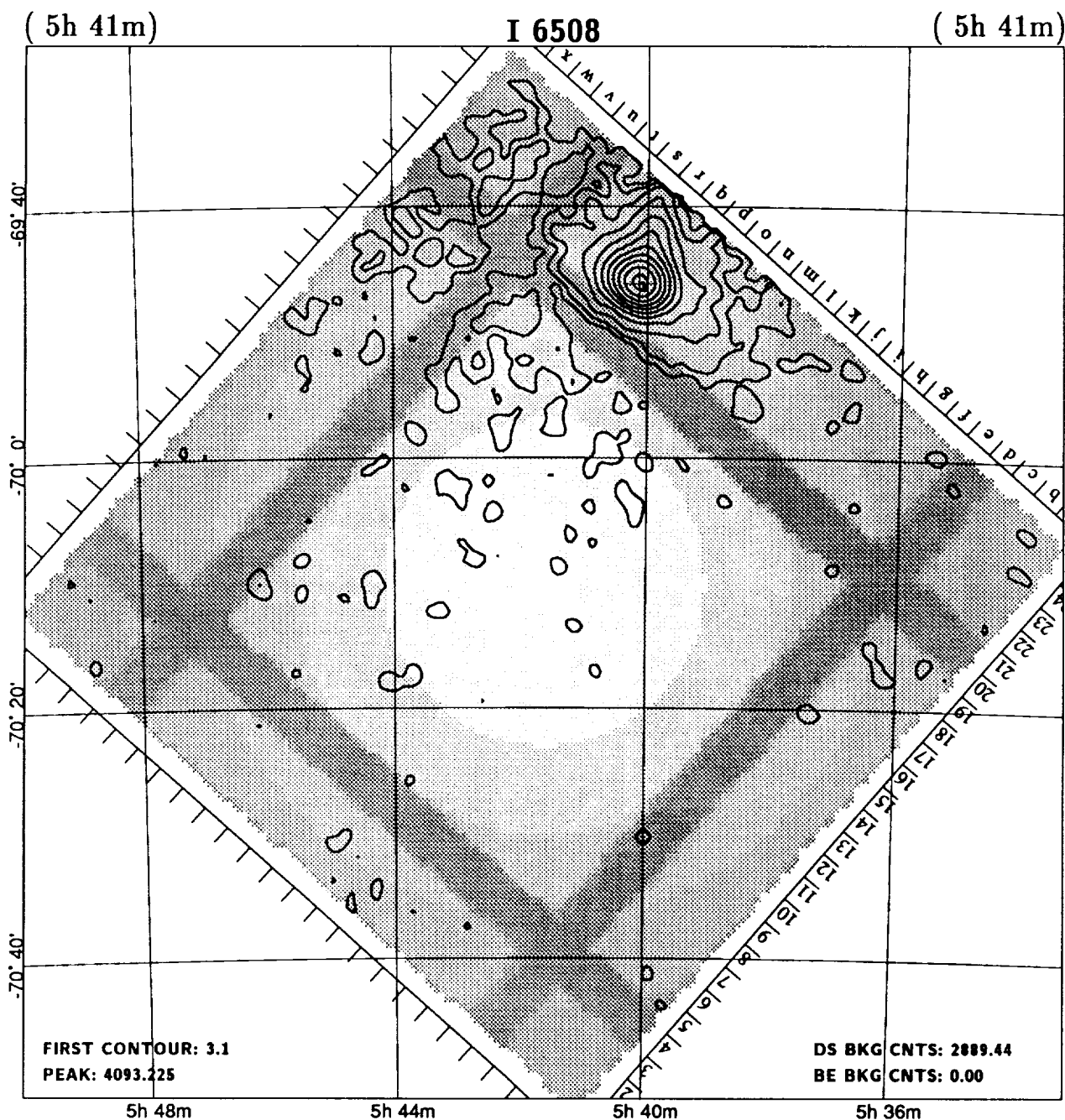


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 41^m 31.2^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 41^m 00.0^s$ $-70^\circ 10' 37''$ (J2000)
 $l: 280.69$ $b: -31.35$

DATE: 1979/100 - 1979/100
 LIVETIME: 1220.6s
 ROLL ANGLE: 65.5°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: LS



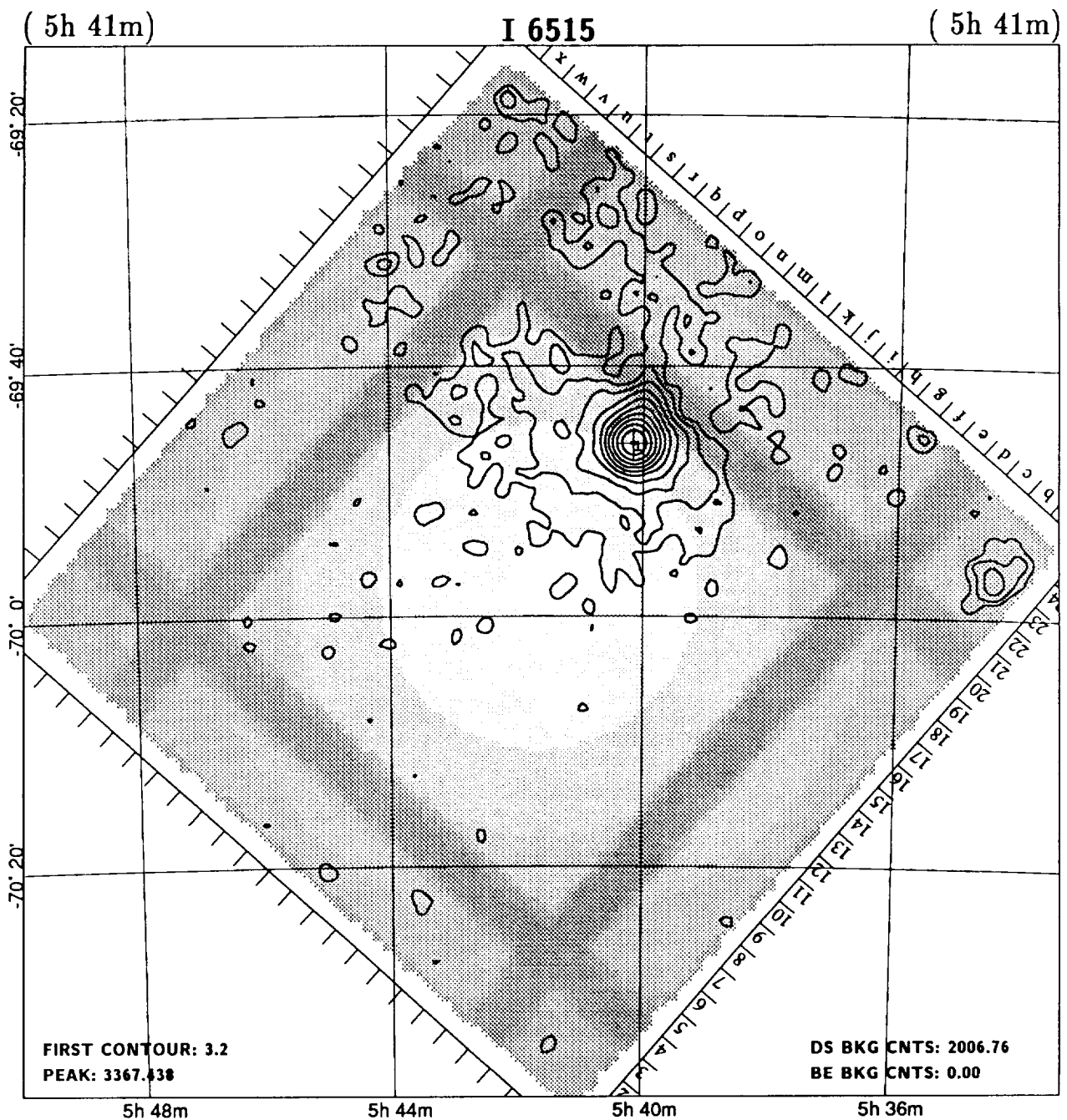
LMC X-1,IPC CALIBRATION POSITION 11

FIELD CENTER: $05^h 41^m 36.1^s$ $-70^\circ 09' 14''$ (B1950)
 $05^h 41^m 05.4^s$ $-70^\circ 07' 52''$ (J2000)
 l : 280.64 b : -31.35

DATE: 1979/313 - 1979/313
 LIVETIME: 2341.4s
 ROLL ANGLE: -138.6°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 08.0	-69 46 08	47	8.40	0.11	8466.2	712.8	78.5	1.4	0	24.3	A	S



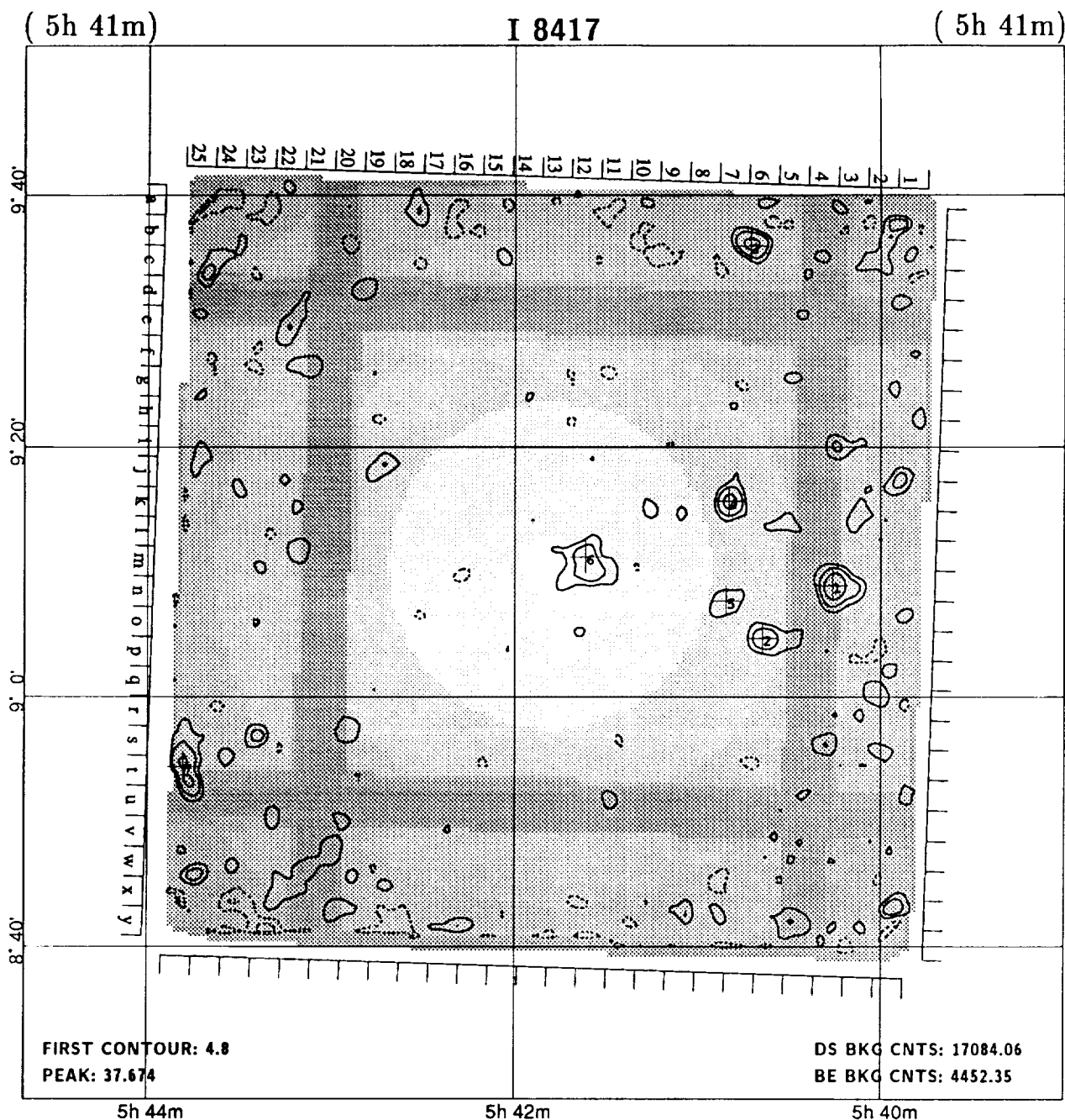
LMC X-1,IPC CALIBRATION POSITION 18

FIELD CENTER: $05^h 41^m 37.2^s$ $-69^\circ 56' 29''$ (B1950)
 $05^h 41^m 08.6^s$ $-69^\circ 55' 08''$ (J2000)
 $l: 280.39$ $b: -31.37$

DATE: 1979/314 - 1979/314
 LIVETIME: 1626.1s
 ROLL ANGLE: -138.6°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 09.3	-69 46 14	37	10.18	0.11	10164.6	379.4	88.7	1.3	100	12.7	A	S



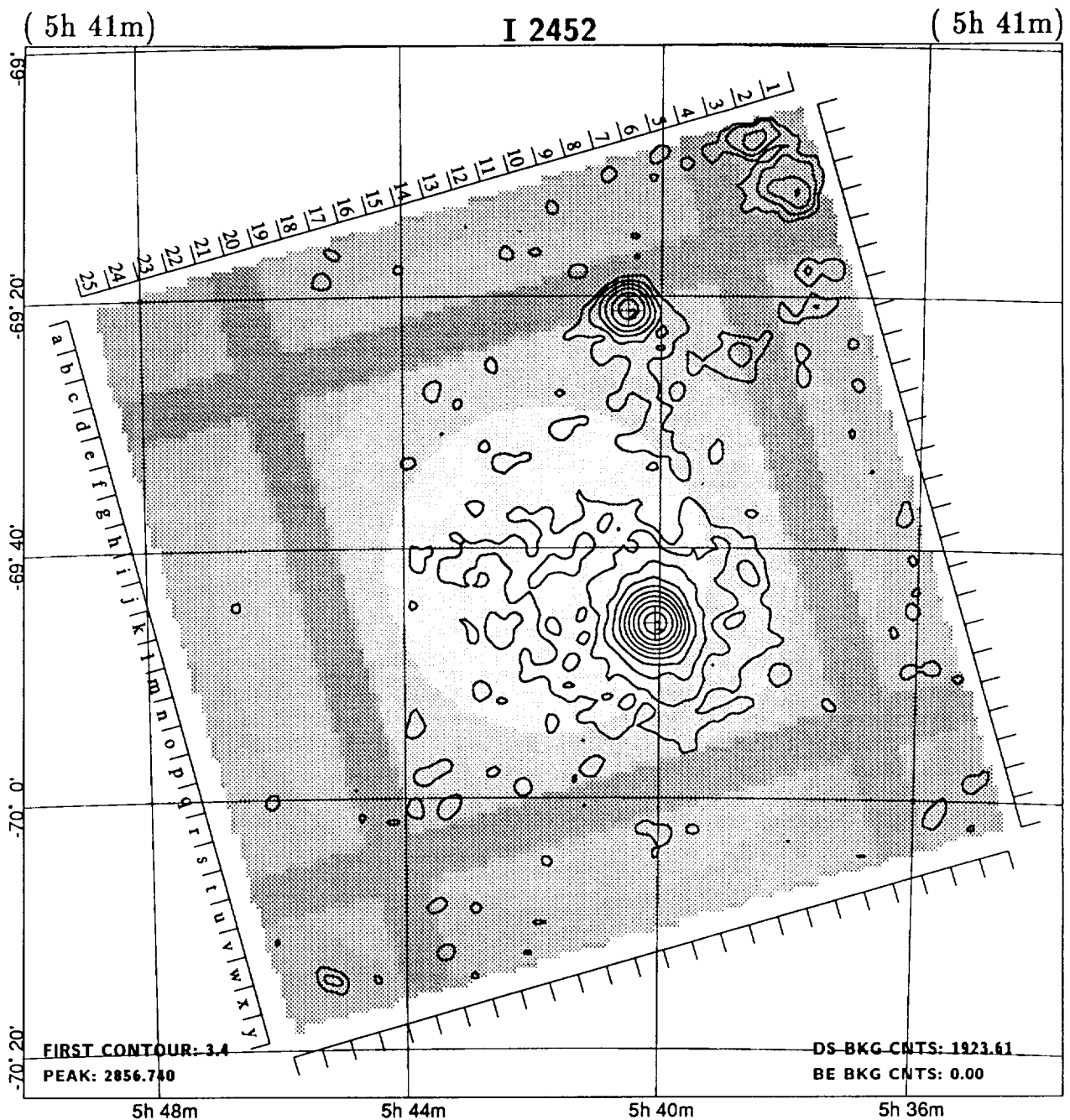
SUBSTITUTE TARGET B35, SHADOWING OF MOLECULAR CLOUDS

FIELD CENTER: 05^h41^m50.0^s 09°09'59" (B1950)
05^h44^m34.5^s 09°11'13" (J2000)
 l : 196.91 b : -10.36

DATE: 1981/ 75 - 1981/ 75
LIVETIME: 13843.7s
ROLL ANGLE: 91.8°

NH: 2.3E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1523	1	05 40 15.7	09 08 57	50	*0.0133	0.0017	85.6	28.4	8.0	1.1	1109	23.4	H
1527	2	05 40 38.6	09 04 45	51	0.0066	0.0012	49.2	33.8	5.4	1.0	0	18.5	H
1528	3	05 40 42.6	09 35 59	52	0.0089	0.0018	42.6	30.4	5.0	0.8	0	30.5	H
1529	4	05 40 49.7	09 15 42	50	0.0082	0.0013	66.6	41.4	6.4	0.8	0	15.9	H
1530	5	05 40 50.5	09 07 43	56	0.0040	0.0010	33.4	41.6	3.9	0.8	0	15.3	H
1535	6	05 41 36.7	09 11 11	35	0.0066	0.0011	67.1	59.9	6.0	1.4	0	3.3	H
1549	7	05 43 48.3	08 54 23	56	*0.0132	0.0026	43.9	30.1	5.1	1.5	1207	33.1	EH



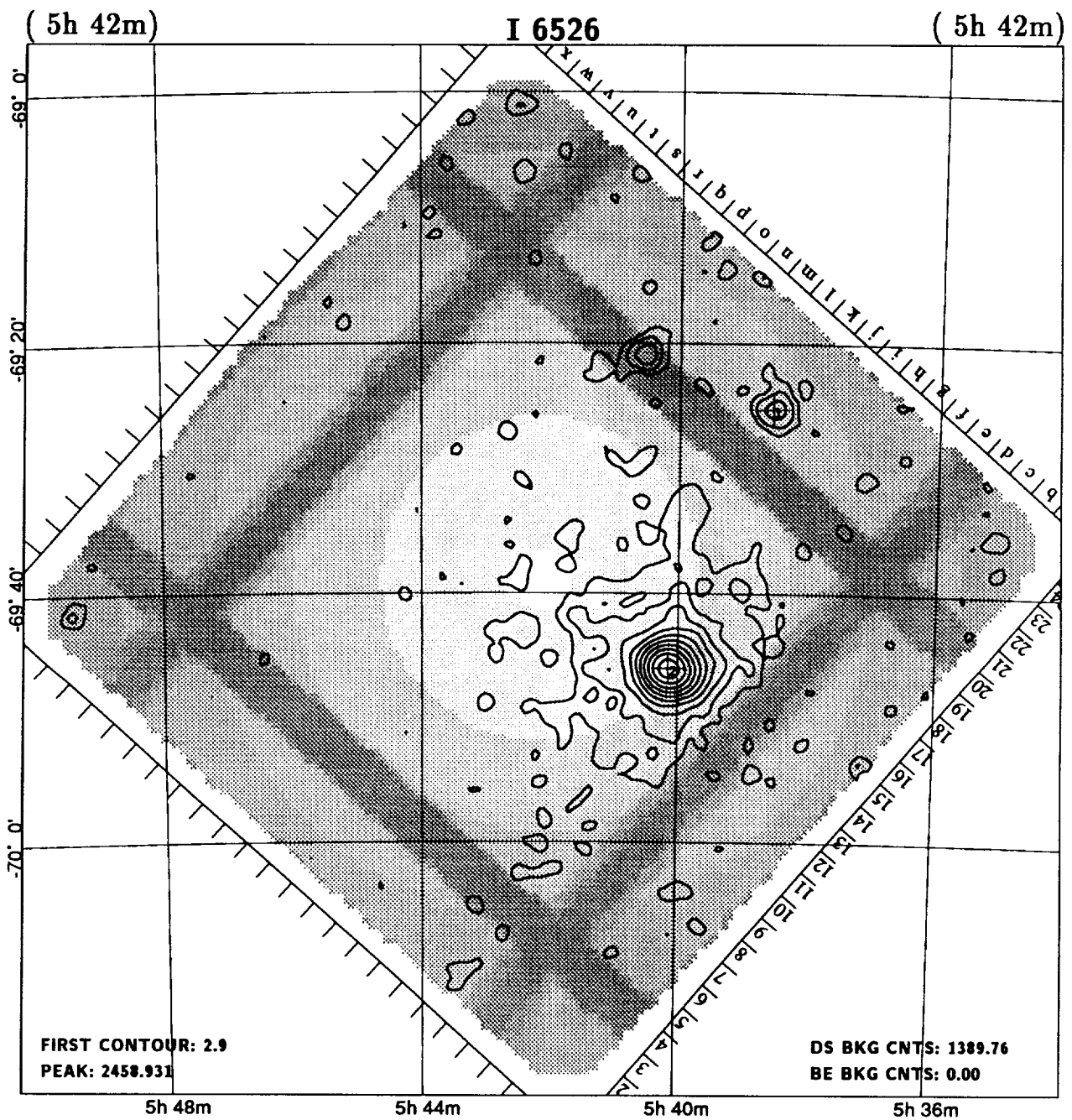
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 41^m 50.4^s$ $-69^\circ 41' 59''$ (B1950)
 $05^h 41^m 24.1^s$ $-69^\circ 40' 39''$ (J2000)
 l : 280.11 b : -31.37

DATE: 1979/101 - 1979/101
 LIVETIME: 1558.8s
 ROLL ANGLE: 74.2°

NH: $7.8E+20$
 REF/ID:
 FIELD FLAGS: LST

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 04.2	-69 46 00	37	9.67	0.11	10068.8	551.2	87.3	1.3	0	10.0	A	S
1525	2L	05 40 30.7	-69 21 12	47	*0.592	0.044	447.8	36.4	13.3	1.4	804	21.9	A	P



LMC X-1,IPC CALIBRATION POSITION 29

FIELD CENTER: 05^h42^m06.7^s -69°38'15" (B1950)
05^h41^m41.0^s -69°36'56" (J2000)
 l : 280.03 b : -31.35

DATE: 1979/315 - 1979/315
LIVETIME: 1126.2s
ROLL ANGLE: -138.6°

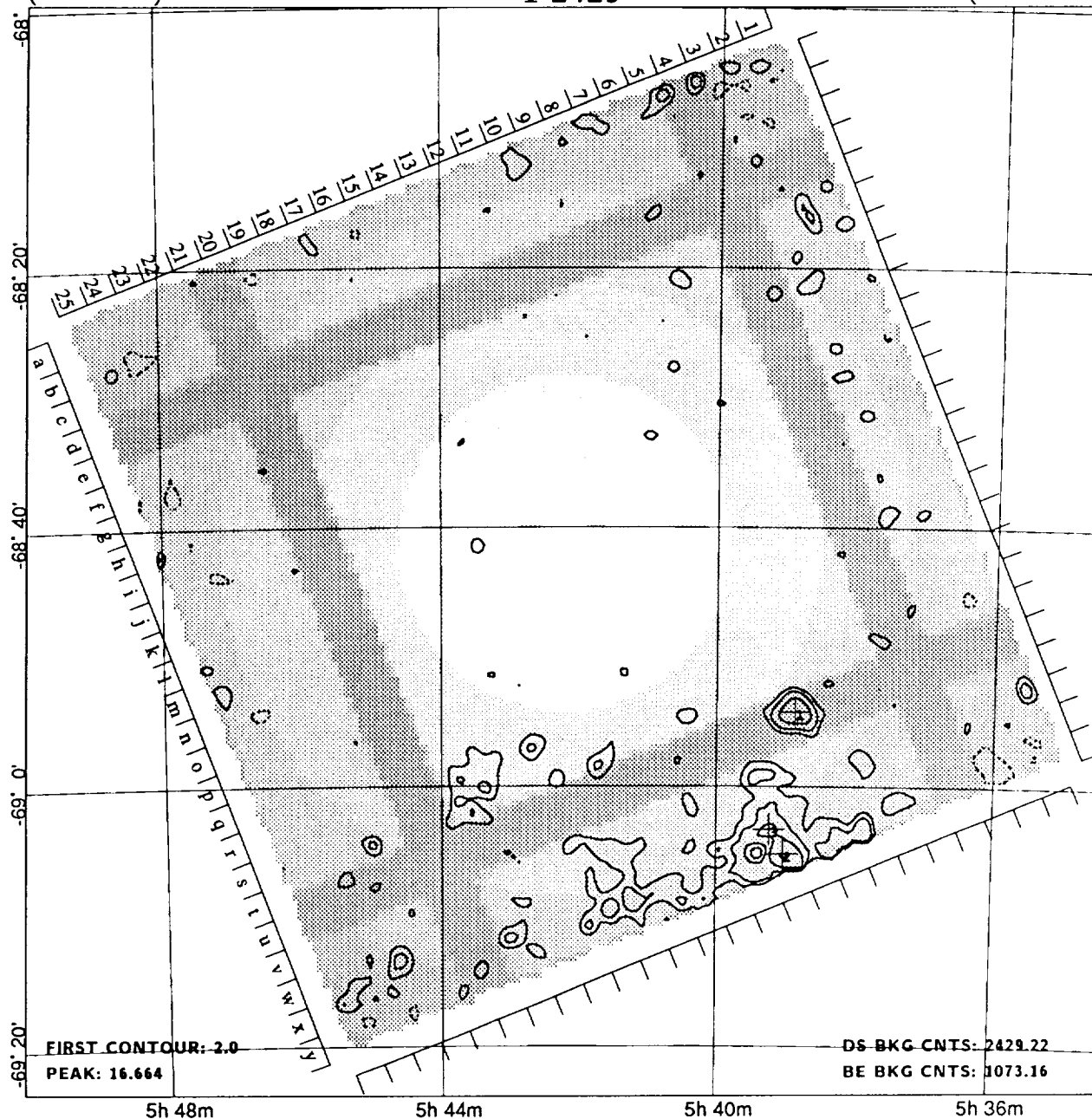
NH: 7.8E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1505	1L	05 38 33.8	-69 25 14	51	0.061	0.015	32.0	10.0	4.1	1.2	100	22.4	A	S
1522	2L	05 40 08.9	-69 45 59	37	10.29	0.14	7345.0	280.0	75.5	1.3	0	12.8	A	S

(5h 42m)

I 2429

(5h 42m)



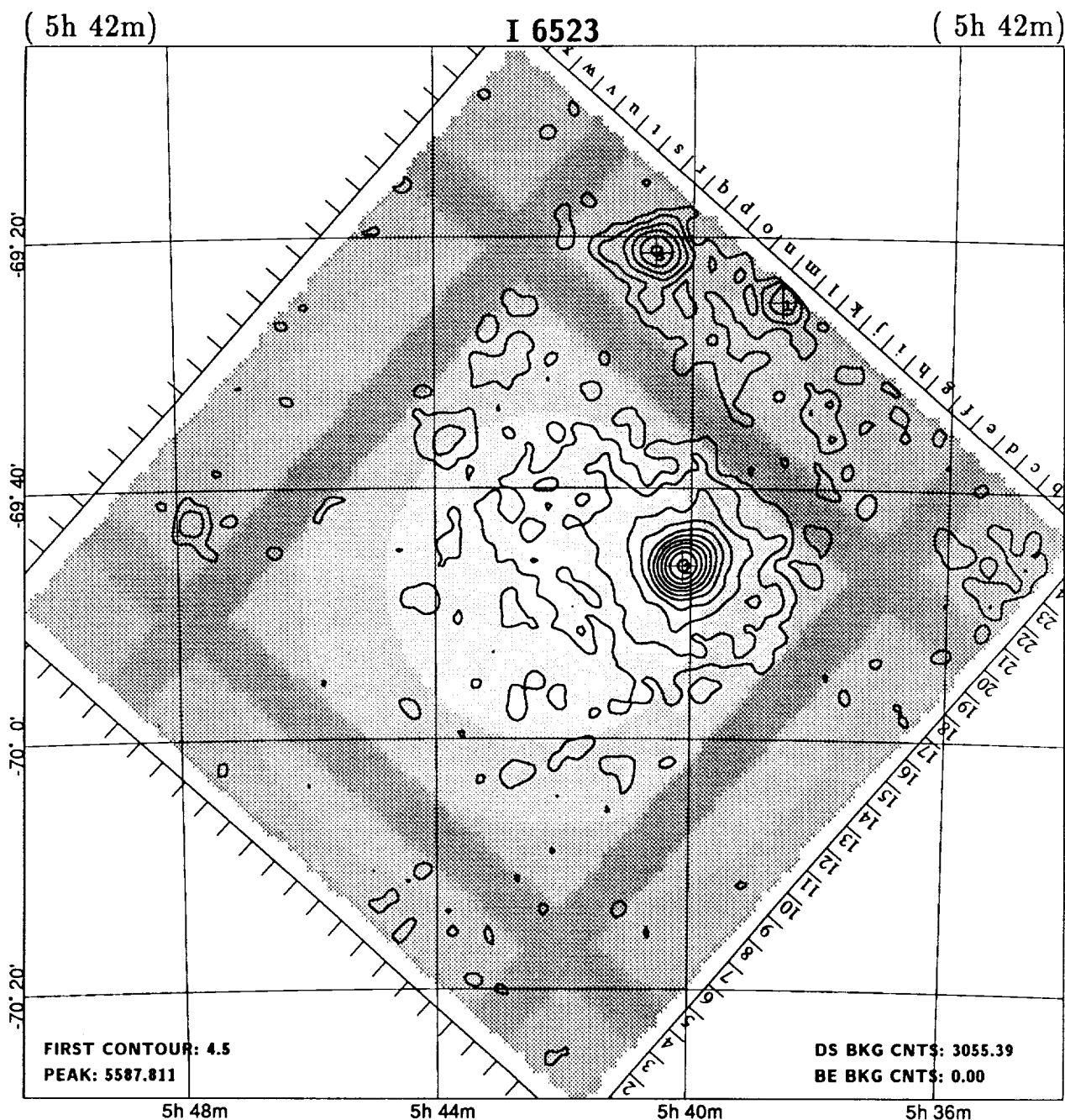
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 42^m 14.4^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 41^m 57.3^s$ $-68^\circ 40' 41''$ (J2000)
 $l: 278.94$ $b: -31.43$

DATE: 1979/101 - 1979/101
 LIVETIME: 1968.5s
 ROLL ANGLE: 68.3°

NH: $7.5E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1509	1	05 38 51.9	-68 54 14	50	*0.0421	0.0070	39.2	3.8	6.0	1.1	1409	21.9	A	S
1513	2	05 39 01.6	-69 05 13	51	0.0488	0.0092	33.7	6.3	5.3	5.1	300	28.8	A	*
1516	3	05 39 13.7	-69 03 21	52	0.0285	0.0068	22.1	5.9	4.2	7.6	0	26.9	H	†



LMC X-1,IPC CALIBRATION POSITION 26

FIELD CENTER: $05^h 42^m 16.9^s$ $-69^\circ 46' 48''$ (B1950)
 $05^h 41^m 49.8^s$ $-69^\circ 45' 30''$ (J2000)
 $l: 280.20$ $b: -31.33$

DATE: 1979/315 - 1979/315
 LIVETIME: 2475.9s
 ROLL ANGLE: -138.6°

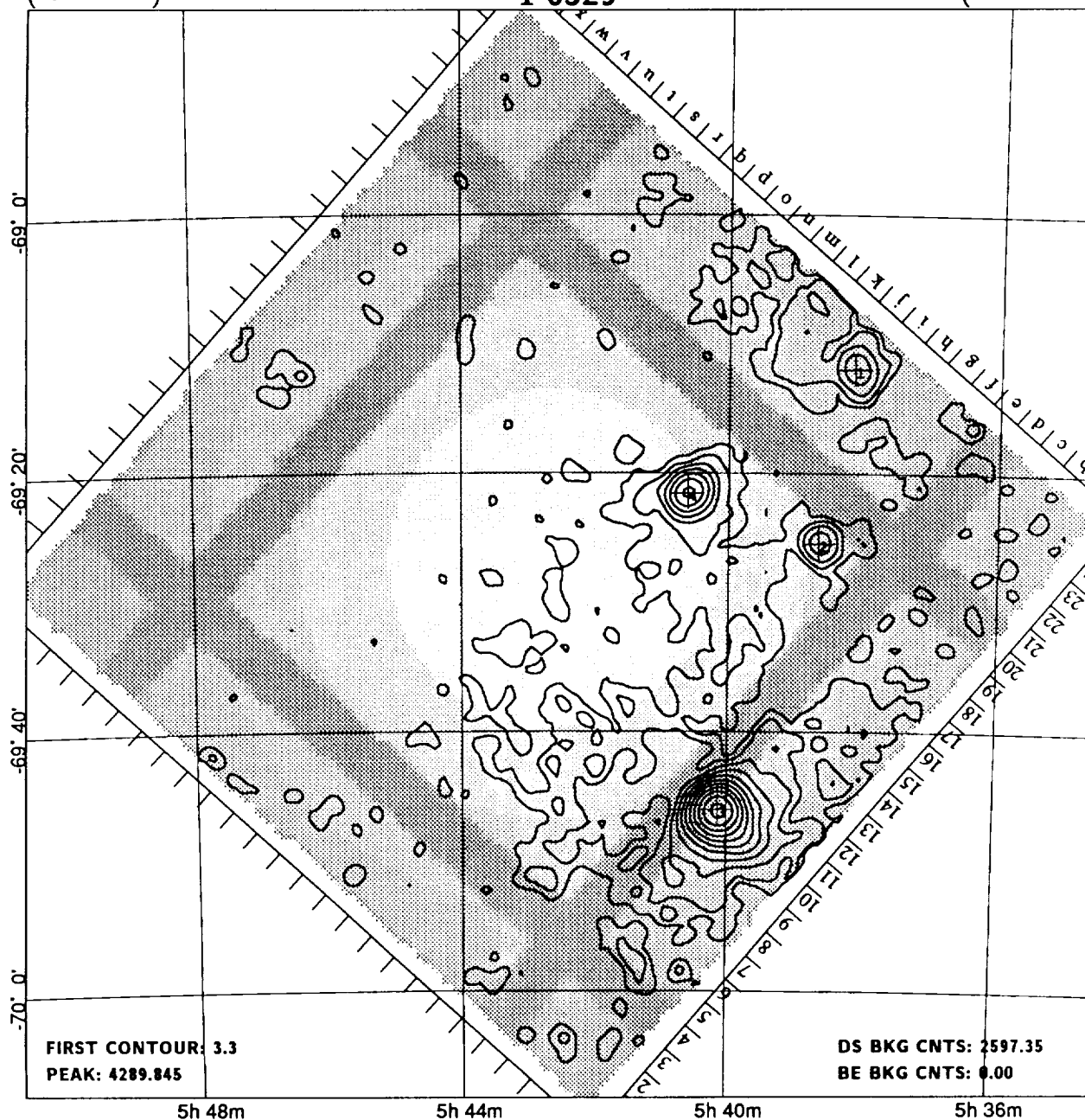
NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1505	1L	05 38 37.4	-69 25 08	51	*0.053	0.012	49.5	22.5	4.3	12.0	501	28.9	AI	S
1522	2L	05 40 08.0	-69 46 10	37	10.814	0.091	17510.8	250.2	118.6	1.2	0	11.1	A	S
1525	3L	05 40 34.3	-69 21 15	47	0.315	0.023	305.6	64.4	13.7	2.3	0	27.0	A	P

(5h 42m)

I 6529

(5h 42m)



LMC X-1, IPC CALIBRATION POSITION 32

FIELD CENTER: $05^{\text{h}}42^{\text{m}}31.7^{\text{s}}$ $-69^{\circ}26'21''$ (B1950)
 $05^{\text{h}}42^{\text{m}}07.9^{\text{s}}$ $-69^{\circ}25'04''$ (J2000)
 $l: 279.80$ $b: -31.34$

DATE: 1979/315 - 1979/315
 LIVETIME: 2104.7s
 ROLL ANGLE: -138.6°

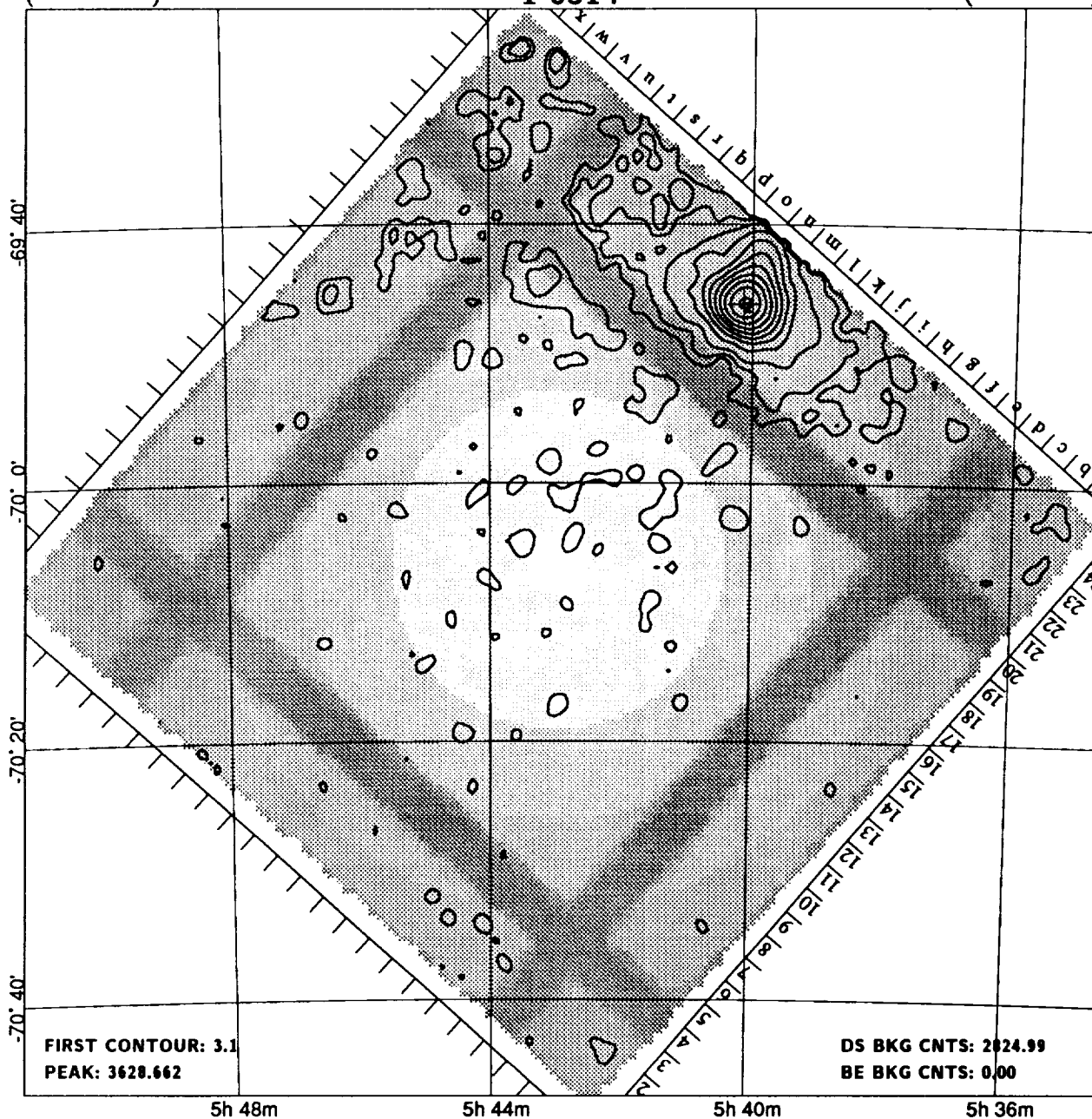
NH: $7.9\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 08.8	-69 11 58	48	0.102 0.015	82.9	23.1	6.8	3.8	0	27.4	A	SNR
1505	2L	05 38 39.5	-69 25 27	48	0.091 0.012	95.6	16.4	7.6	134.1	300	20.5	A	S
1522	3L	05 40 07.9	-69 46 03	47	*11.59 0.17	11171.6	487.0	68.8	1.4	804	23.3	A	S
1525	4L	05 40 36.6	-69 21 32	37	0.535 0.023	725.0	50.0	23.1	24.7	0	11.2	A	P

(5h 42m)

I 6514

(5h 42m)



LMC X-1, IPC CALIBRATION POSITION 17

FIELD CENTER: $05^h 42^m 52.7^s$ $-70^\circ 05' 27''$ (B1950)
 $05^h 42^m 22.5^s$ $-70^\circ 04' 11''$ (J2000)
 $l: 280.55$ $b: -31.25$

DATE: 1979/314 - 1979/314

LIVETIME: 2289.2s

ROLL ANGLE: -138.6° NH: $7.6E+20$

REF/ID:

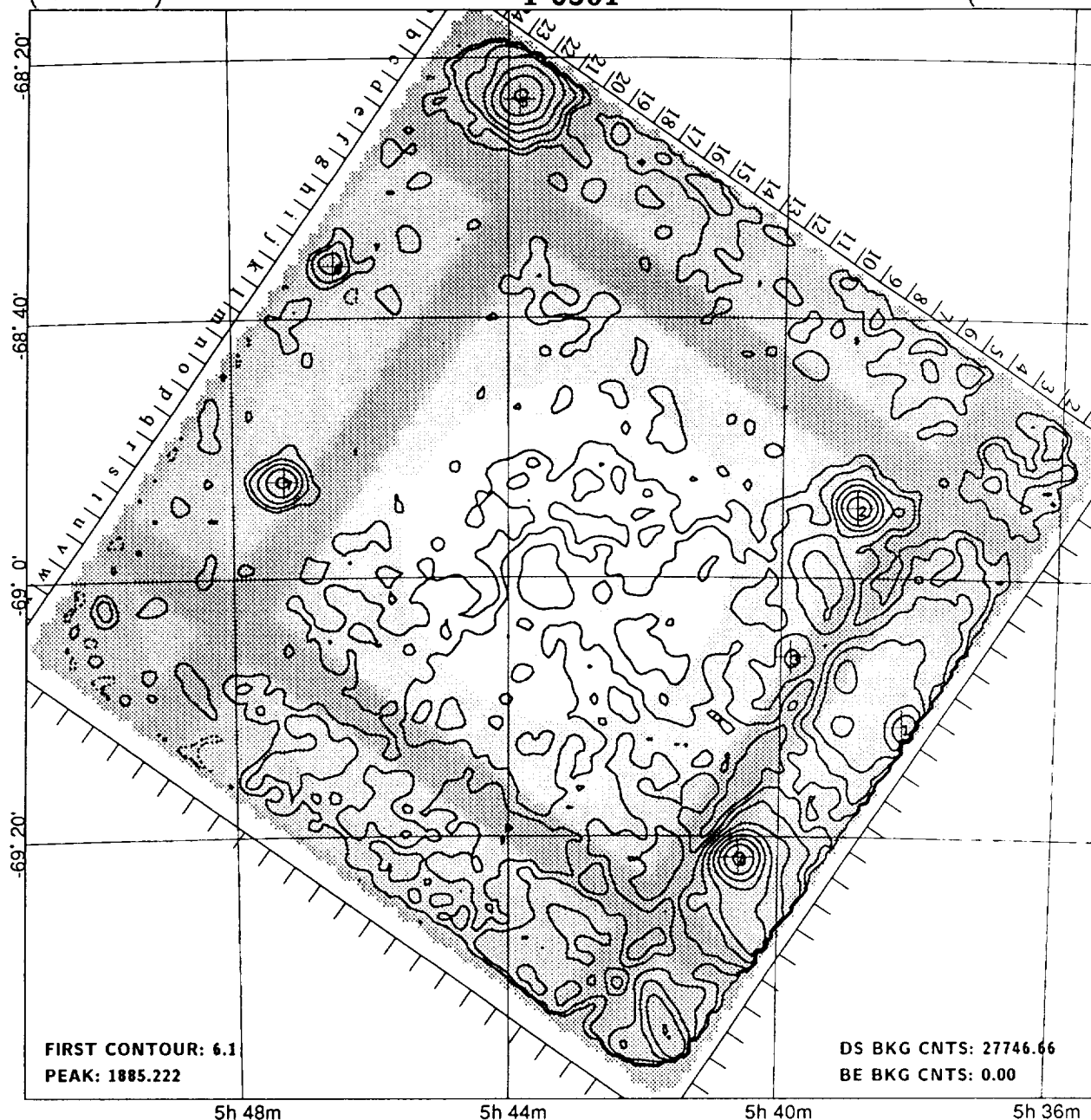
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 07.9	-69 46 05	47	7.72	0.10	7707.9	826.1	73.8	1.5	0	24.0	A	S

(5h 43m)

I 6301

(5h 43m)



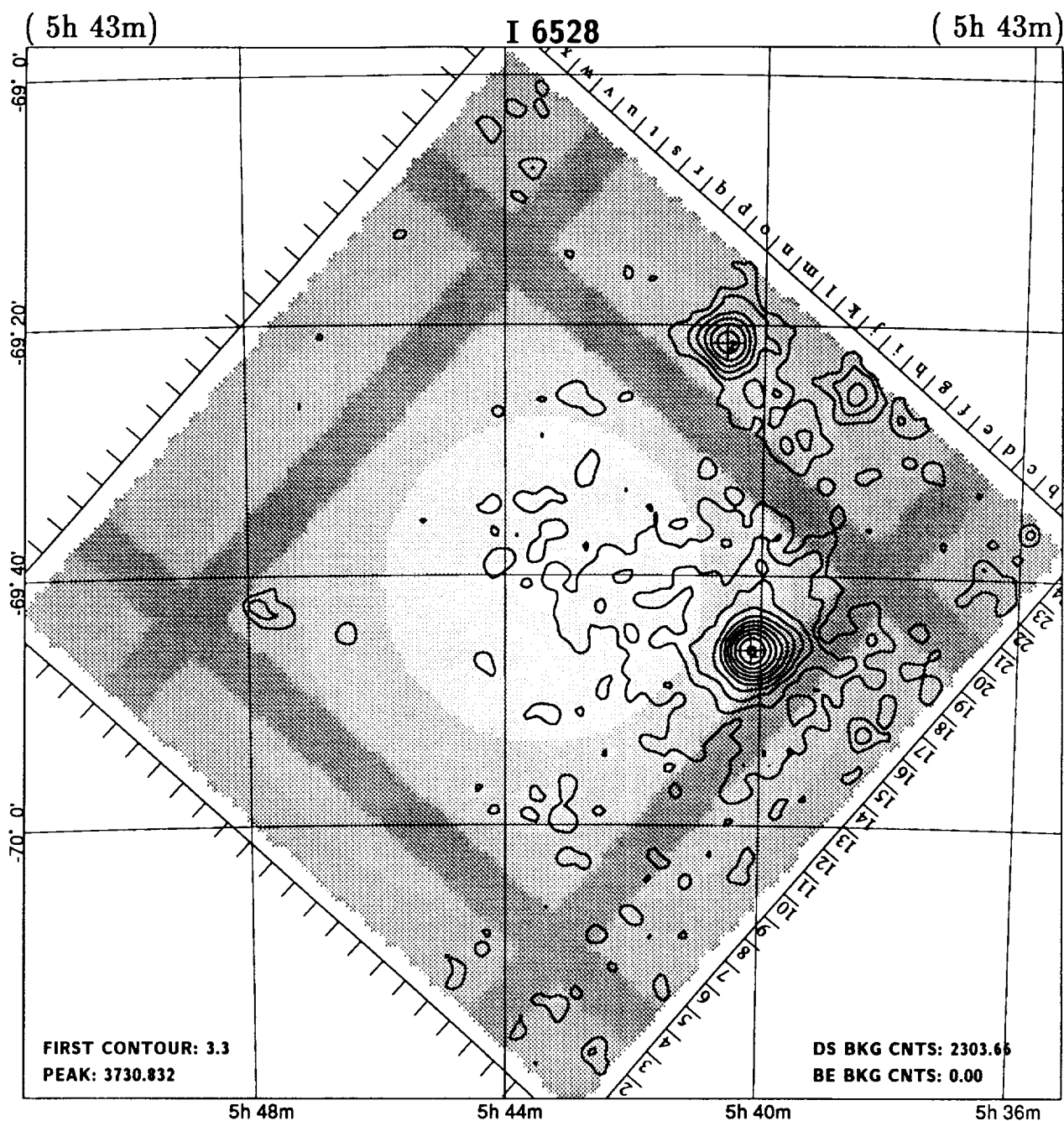
DEM 299, SNRS IN LMC & SMC

FIELD CENTER: $05^h 43^m 13.0^s$ $-68^\circ 58' 19''$ (B1950)
 $05^h 42^m 53.4^s$ $-68^\circ 57' 05''$ (J2000)
 $l: 279.25$ $b: -31.32$

DATE: 1980/ 41 - 1980/ 42
 LIVETIME: 22483.8s
 ROLL ANGLE: 124.6°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS: DGL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1499	1L	05 38 13.2	-69 11 26	47	*0.0659	0.0043	579.7	191.7	15.3	28.9	603	29.8	AI	SNR
1509	2L	05 38 55.0	-68 54 33	47	0.0740	0.0032	773.5	101.5	22.9	28.8	100	23.4	A	S
1518	3L	05 39 51.4	-69 06 05	48	*0.0115	0.0021	134.9	117.1	5.3	140.8	804	19.6		
1525	4L	05 40 35.1	-69 21 37	47	*0.4221	0.0094	3759.5	437.1	44.6	5.4	602	27.2	A	P
1550	5L	05 43 50.3	-68 23 11	47	0.0824	0.0056	494.2	292.8	14.6	2.1	0	35.3		S
1566	6L	05 46 31.8	-68 35 56	51	0.0089	0.0016	73.0	51.0	5.3	1.2	100	28.4	A	*
1568	7L	05 47 15.7	-68 52 32	47	*0.0265	0.0022	275.9	62.7	12.0	1.2	401	22.6		



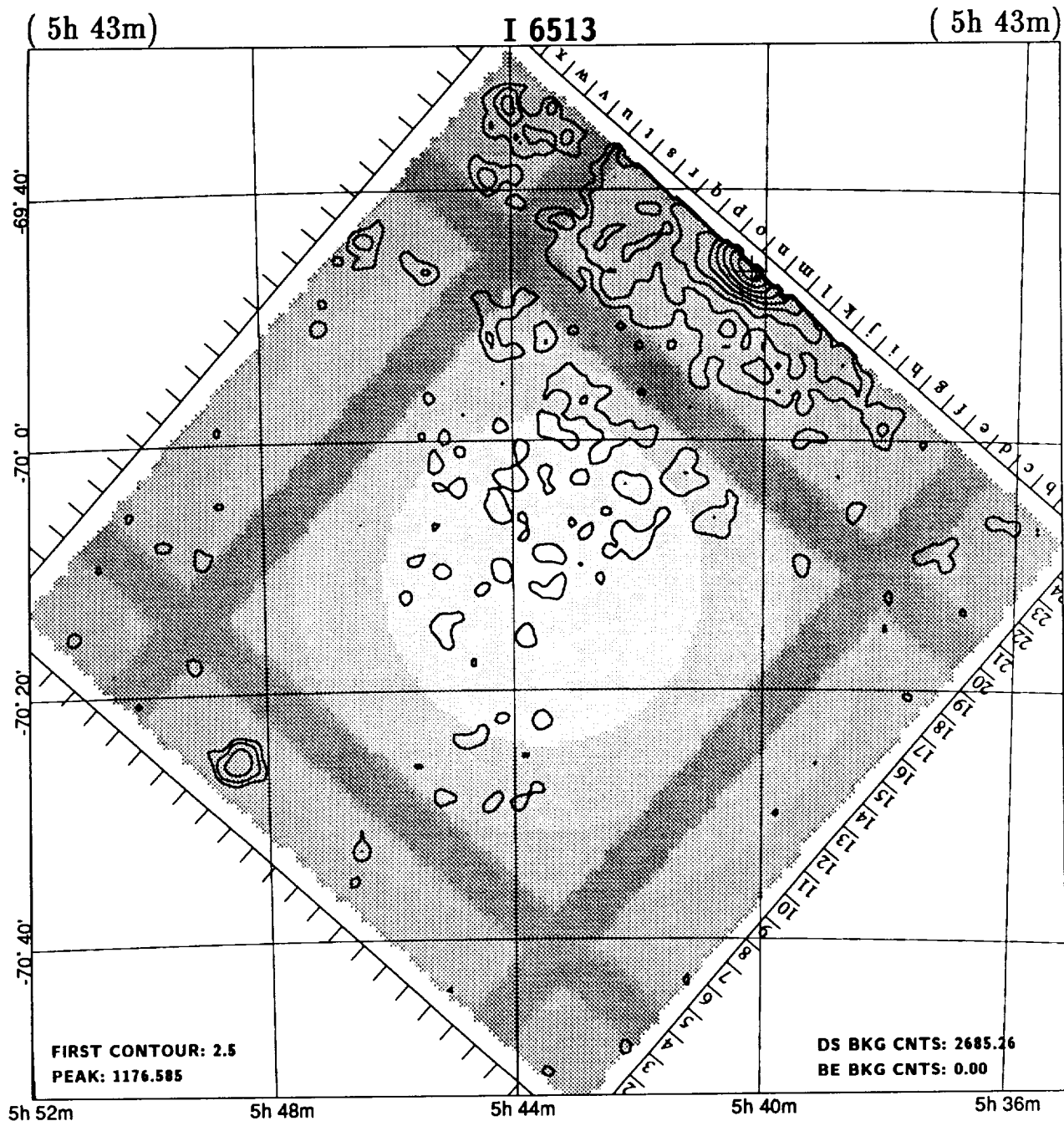
LMC X-1,IPC CALIBRATION POSITION 31

FIELD CENTER: $05^h 43^m 23.5^s$ $-69^\circ 39' 48''$ (B1950)
 $05^h 42^m 57.5^s$ $-69^\circ 38' 34''$ (J2000)
 l : 280.05 b : -31.24

DATE: 1979/315 - 1979/315
 LIVETIME: 1866.7s
 ROLL ANGLE: -138.6°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 09.2	-69 45 54	47	9.56	0.11	9778.2	225.8	87.9	1.2	100	17.9	A S	
1525	2L	05 40 34.7	-69 21 26	47	0.434	0.028	360.2	50.8	15.5	1.6	0	23.5	A P	



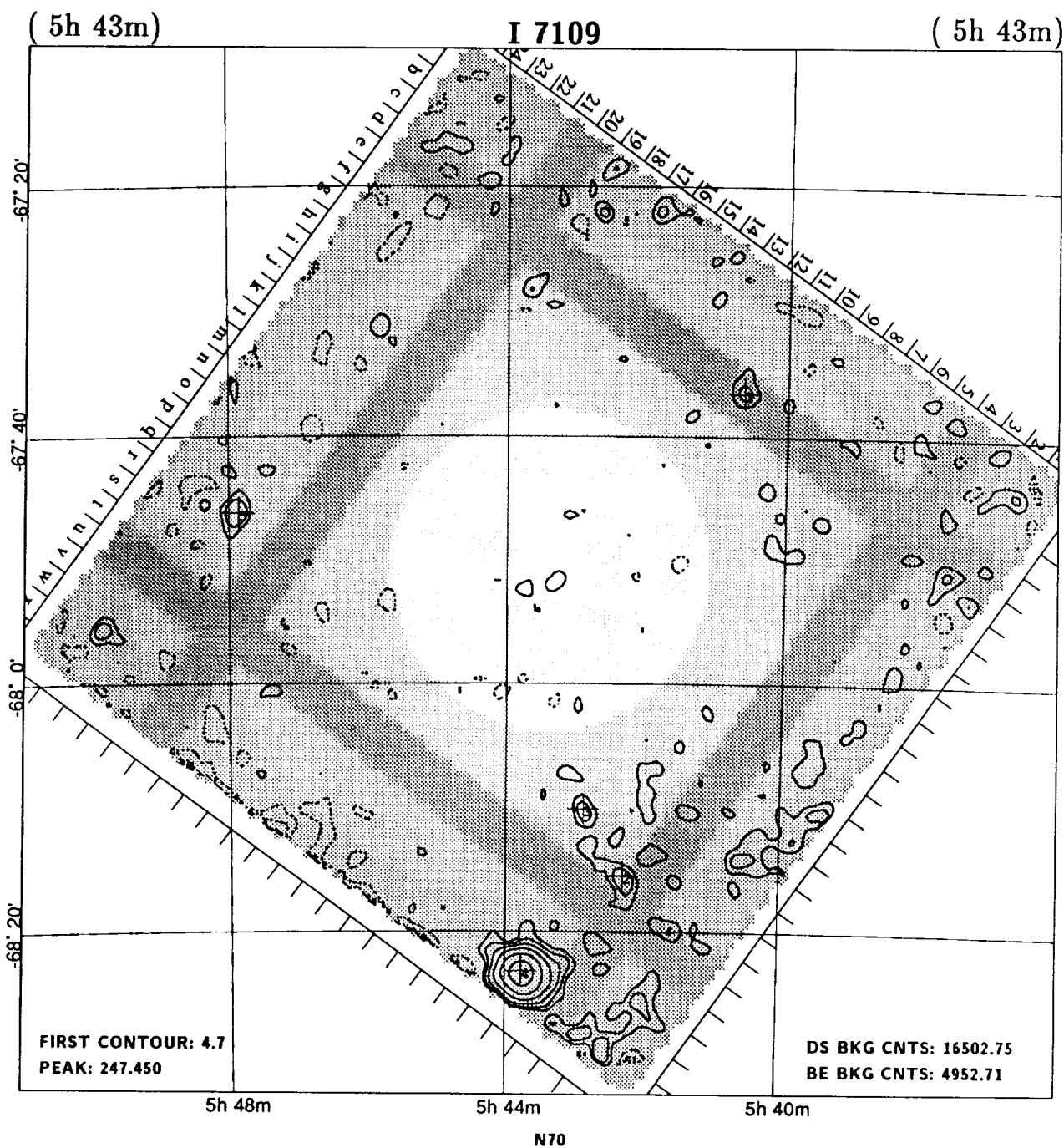
LMC X-1,IPC CALIBRATION POSITION 16

FIELD CENTER: 05^h43^m29.9^s -70°10'33" (B1950)
05^h42^m58.8^s -70°09'20" (J2000)
 ℓ : 280.65 b : -31.19

DATE: 1979/314 - 1979/314
LIVETIME: 2176.0s
ROLL ANGLE: -138.6°

NH: 7.6E+20
REF/ID:
FIELD FLAGS: L

CAT	FLD	RA	DEC	±	COUNT	±	NET	BKG	S/N	SIZE	RECO	R'	SRC	ID
#	#	(1950)	(1950)	"	RATE		CTS	CTS		COR			FLG	
1522	1L	05 40 13.3	-69 46 39	47	*2.884	0.091	2212.4	244.6	31.6	1.7	905	29.3	AEI	S

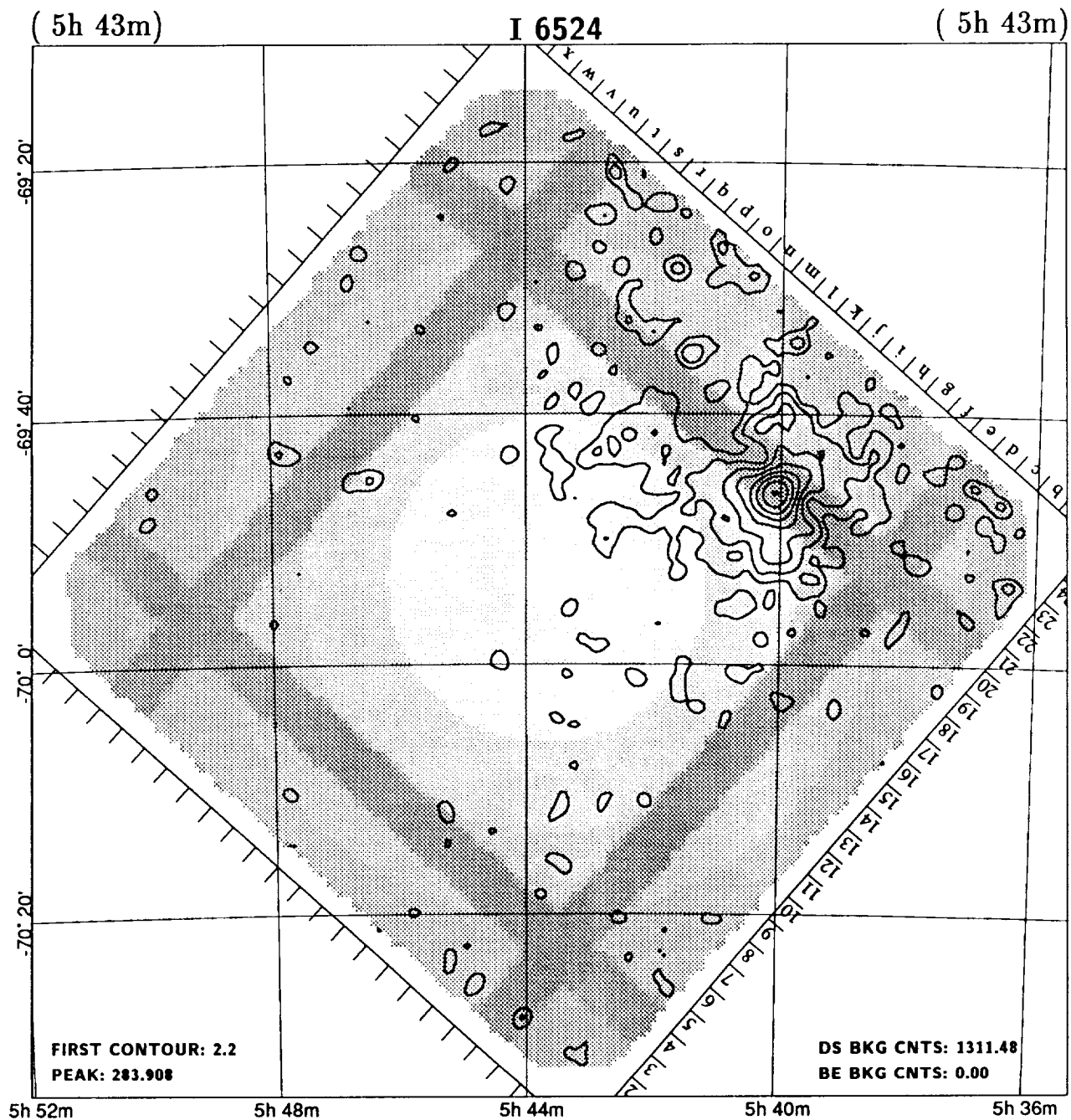


FIELD CENTER: 05^h43^m30.0^s -67°50'59" (B1950)
 05^h43^m20.1^s -67°49'46" (J2000)
 l : 277.93 b : -31.37

DATE: 1980/ 40 - 1980/ 41
 LIVETIME: 13372.6s
 ROLL ANGLE: 125.9°

NH: 6.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1526	1	05 40 37.2	-67 36 32	61	*0.0046	0.0011	29.9	25.1	4.0	0.8	1409	21.7		
1537	2	05 42 17.1	-68 15 28	55	*0.0052	0.0014	29.5	30.5	3.8	1.2	1206	25.6	H	
1538	3	05 42 51.9	-68 10 00	51	0.0049	0.0013	34.2	43.8	3.9	0.7	0	19.4		
1550	4	05 43 45.7	-68 23 07	47	0.1070	0.0052	444.9	29.1	20.4	1.5	100	31.9	AH	S
1571	5	05 47 51.8	-67 46 08	52	0.0069	0.0015	38.3	31.7	4.6	0.8	0	25.4	H	



LMC X-1,IPC CALIBRATION POSITION 27

FIELD CENTER: $05^h 43^m 38.8^s$ $-69^\circ 52' 39''$ (B1950)
 $05^h 43^m 10.7^s$ $-69^\circ 51' 26''$ (J2000)
 $l: 280.30$ $b: -31.20$

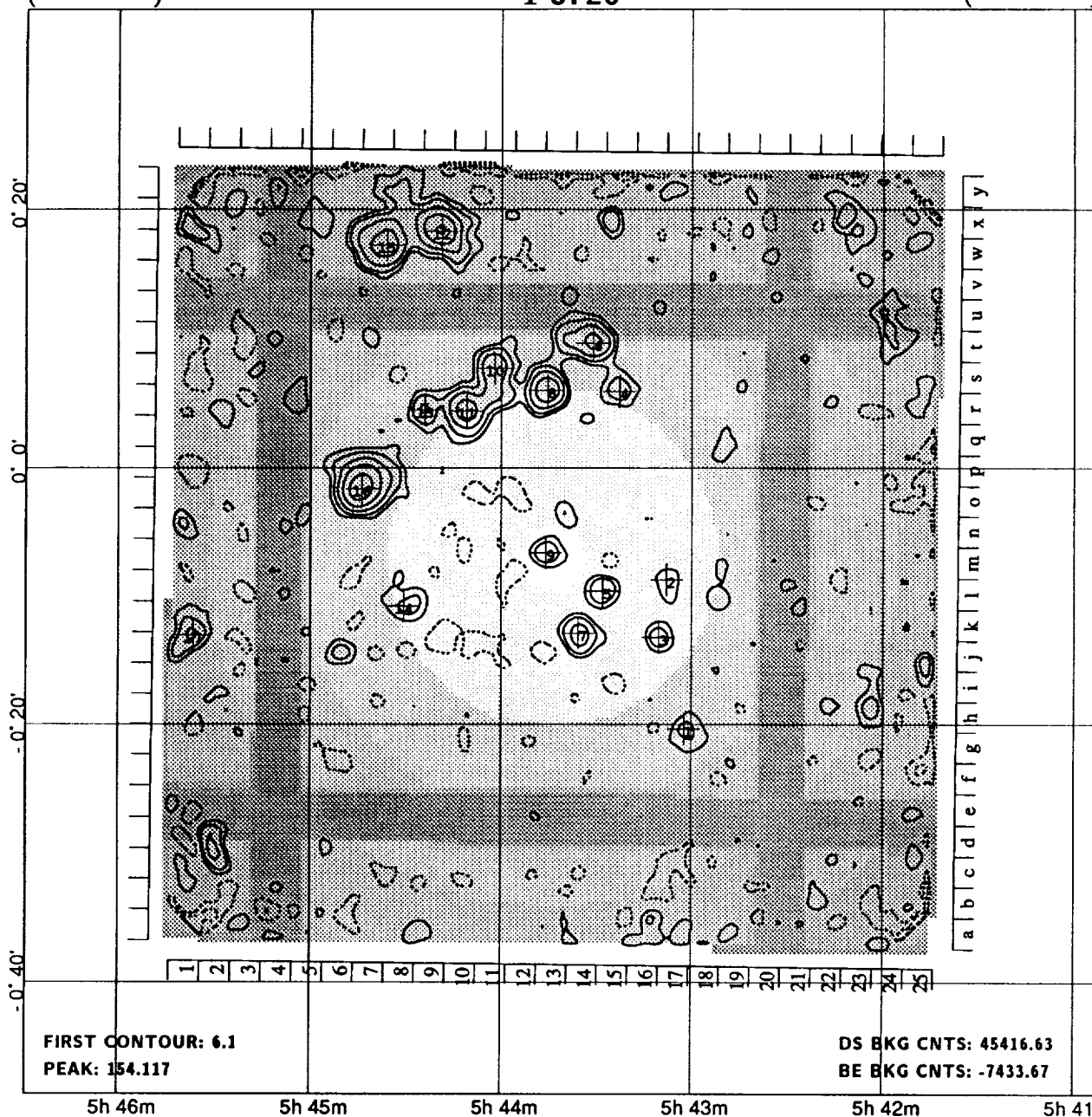
DATE: 1979/315 - 1979/315
 LIVETIME: 1062.7s
 ROLL ANGLE: -138.6°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: LS

(5h 43m)

I 8726

(5h 43m)



H-H 26, OBSERVATIONS OF INTERSTELLAR BULLETS

FIELD CENTER: $05^h 43^m 40.8^s -00^\circ 06' 35''$ (B1950)
 $05^h 46^m 14.4^s -00^\circ 05' 30''$ (J2000)
 $l: 205.42 \quad b: -14.51$

DATE: 1980/261 - 1980/262
 LIVETIME: 36802.3s
 ROLL ANGLE: -89.4°

NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1539	1	05 43 02.3	-00 20 21	54	0.00228	0.00052	47.2	68.8	4.4	0.9	0	16.5		
1540	2	05 43 07.9	-00 08 41	42	0.00163	0.00044	40.6	80.4	3.7	0.6	0	8.4		
1541	3	05 43 10.3	-00 13 08	41	0.00240	0.00048	58.6	77.4	5.0	0.7	0	10.0		
1542	4	05 43 22.7	00 05 52	41	0.00309	0.00055	69.2	82.8	5.6	18.2	0	13.3	H	
1543	5	05 43 27.9	-00 09 33	32	0.00335	0.00050	88.6	88.4	6.7	0.8	0	4.2		
1544	6	05 43 31.1	00 09 37	48	*0.00910	0.00077	187.5	62.5	11.9	5.7	803	16.6	H	
1545	7	05 43 35.7	-00 12 50	38	0.00530	0.00059	137.5	94.5	9.0	0.9	0	6.4	H	
1547	8	05 43 45.4	00 05 57	38	0.01263	0.00084	290.0	78.0	15.1	4.3	0	12.7		
1548	9	05 43 46.0	-00 06 38	35	0.00282	0.00046	77.2	78.8	6.2	0.8	0	1.5		
1551	10	05 44 02.0	00 07 40	48	0.00694	0.00070	149.2	77.8	9.9	7.6	0	15.3	H	

Source Table cont.

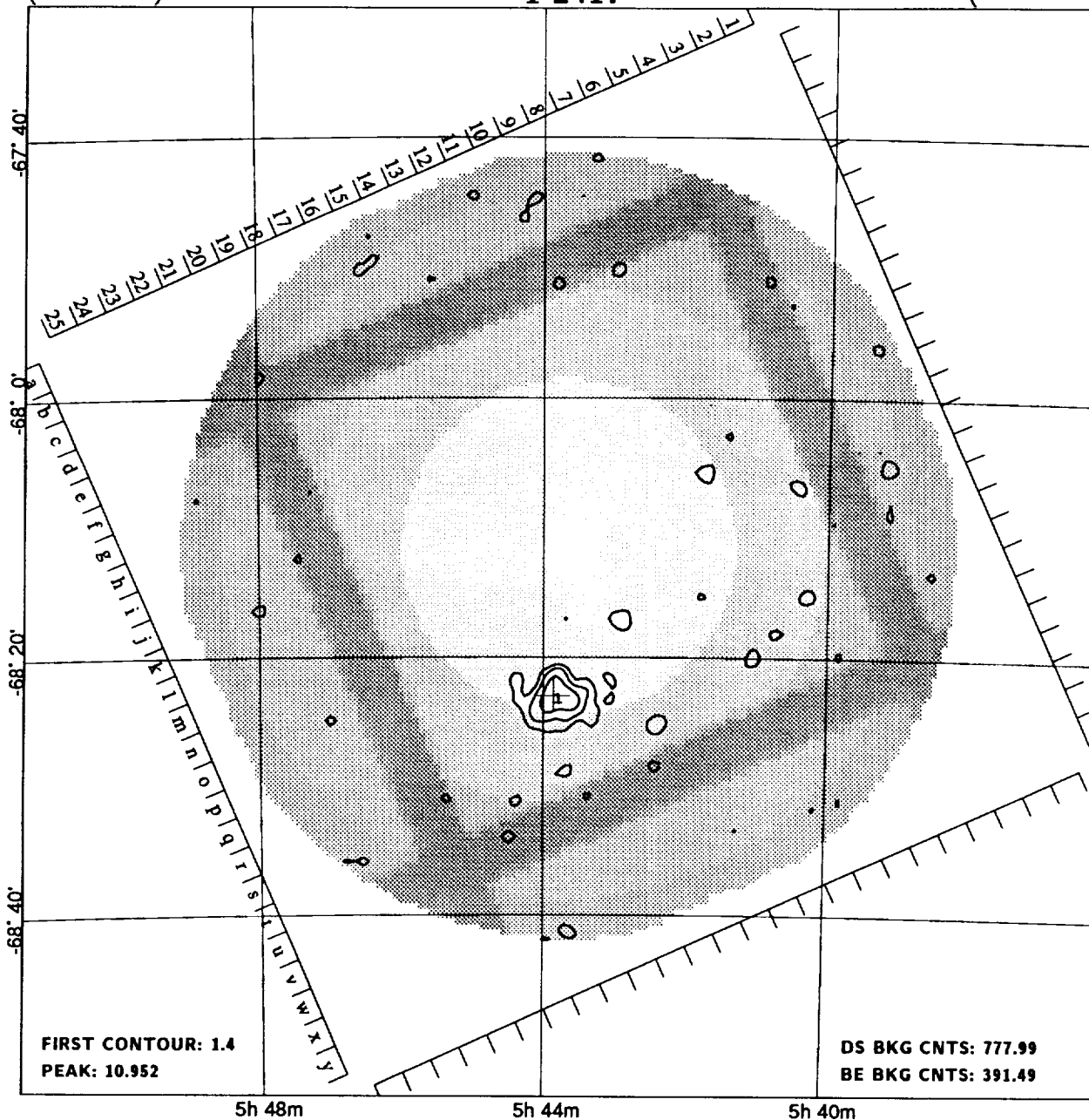
I 8726 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1554	11	05 44 10.9	00 04 22	38	0.01092	0.00080	248.6	80.4	13.7	4.9	0	13.4	H	
1555	12	05 44 18.9	00 18 17	47	0.0160	0.0012	235.3	61.7	13.7	2.8	0	26.8	H	
1556	13	05 44 24.1	00 04 28	50	0.00364	0.00056	78.5	64.5	6.6	14.4	0	15.7	H	
1557	14	05 44 30.6	-00 10 43	42	0.00235	0.00050	54.9	79.1	4.7	0.9	0	13.1	H	
1558	15	05 44 36.1	00 17 12	48	0.0128	0.0011	182.5	54.5	11.9	3.5	0	27.5	H	
1560	16	05 44 43.9	-00 01 37	47	0.0237	0.0011	499.5	72.5	20.9	1.4	0	16.6	H	
1563	17	05 45 36.5	-00 12 59	52	0.00370	0.00077	50.0	57.0	4.8	1.1	500	29.9	H	

(5h 43m)

I 2417

(5h 43m)



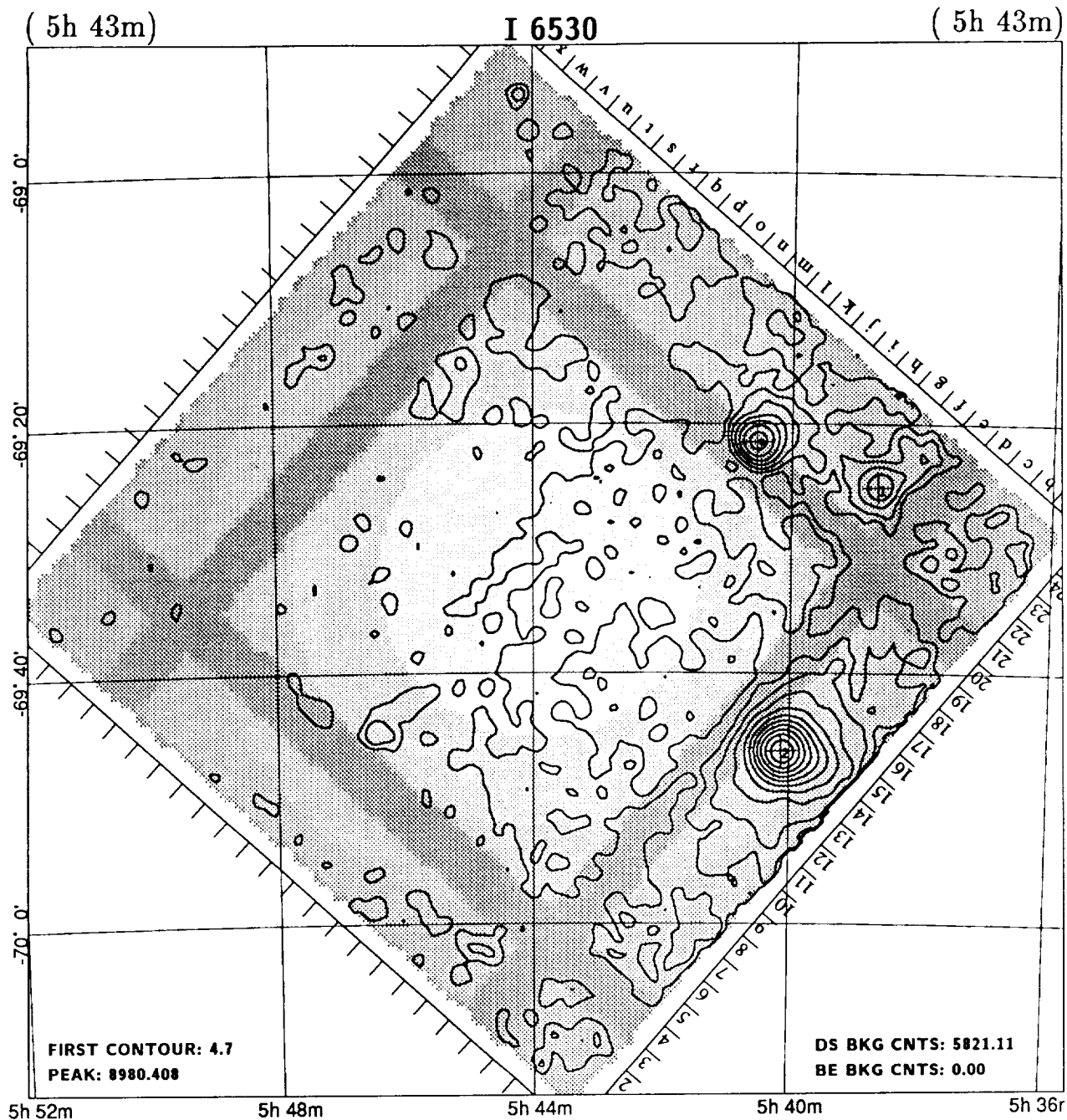
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h43^m43.2^s -68°11'59" (B1950)
05^h43^m30.3^s -68°10'47" (J2000)
l: 278.34 b: -31.33

DATE: 1979/100 - 1979/100
LIVETIME: 630.4s
ROLL ANGLE: 66.1°

NH: 7.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1550	1	05 43 51.3	-68 23 02	41	0.094	0.016	38.2	2.8	6.0	2.0	0	11.7	AH	S



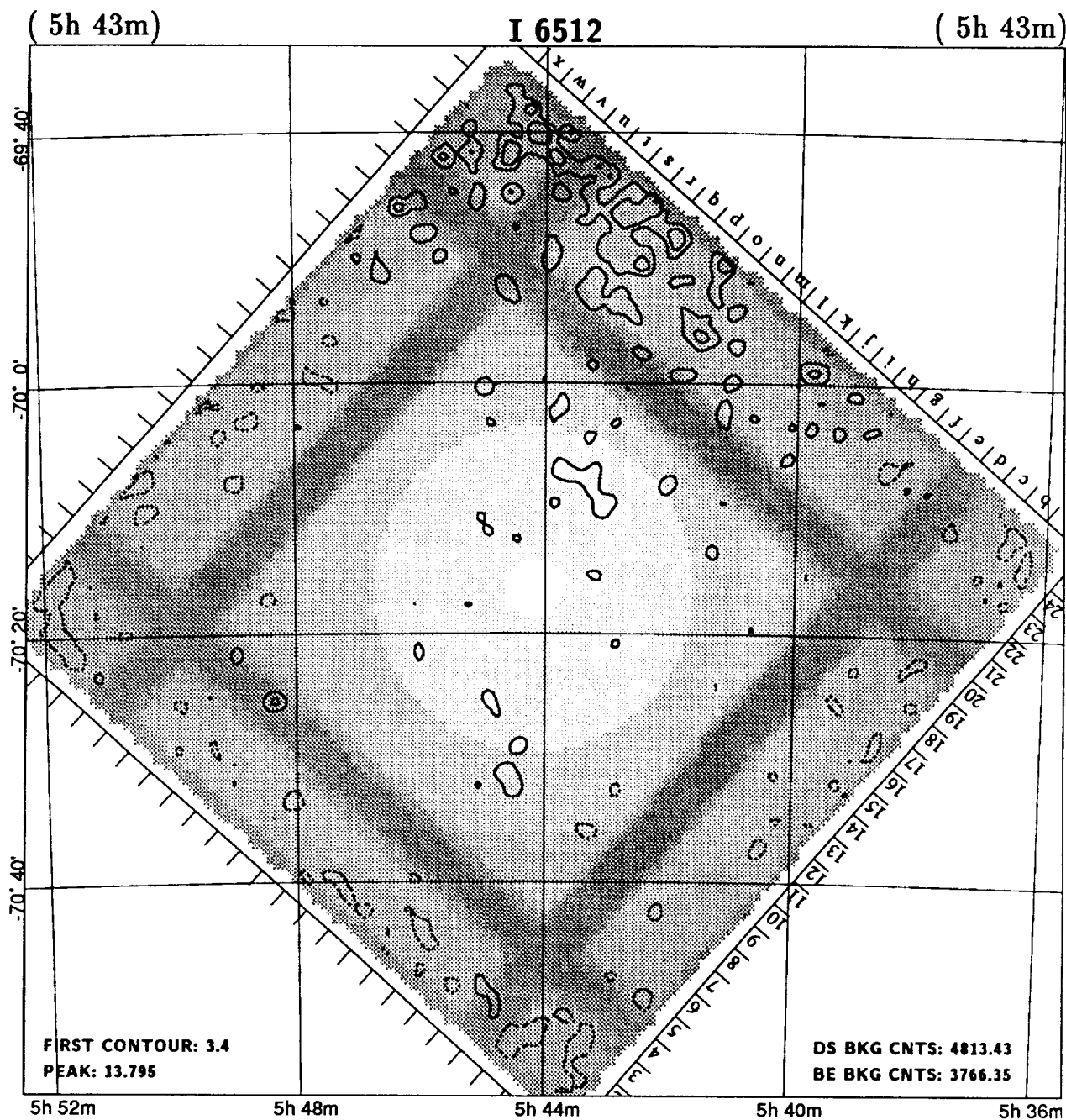
LMC X-1,IPC CALIBRATION POSITION 33

FIELD CENTER: 05^h43^m49.8^s -69°31'49'' (B1950)
05^h43^m25.0^s -69°30'37'' (J2000)
ℓ: 279.89 b: -31.21

DATE: 1979/315 - 1979/315
LIVETIME: 4717.0s
ROLL ANGLE: -138.6°

NH: 7.8E+20
REF/ID:
FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1505	1L	05 38 40.7	-69 25 06	48	0.0627	0.0083	110.9	42.1	7.4	167.8	100	27.9	A S	
1522	2L	05 40 07.6	-69 46 12	47	9.039	0.076	18865.1	987.9	118.9	1.5	300	24.1	A S	
1525	3L	05 40 32.3	-69 21 26	47	*0.346	0.030	812.0	106.0	11.3	31.3	1007	20.2	A P	



LMC X-1,IPC CALIBRATION POSITION 15

FIELD CENTER: $05^h 43^m 59.5^s$ $-70^\circ 15' 06''$ (B1950)
 $05^h 43^m 27.6^s$ $-70^\circ 13' 55''$ (J2000)
 l : 280.73 b : -31.14

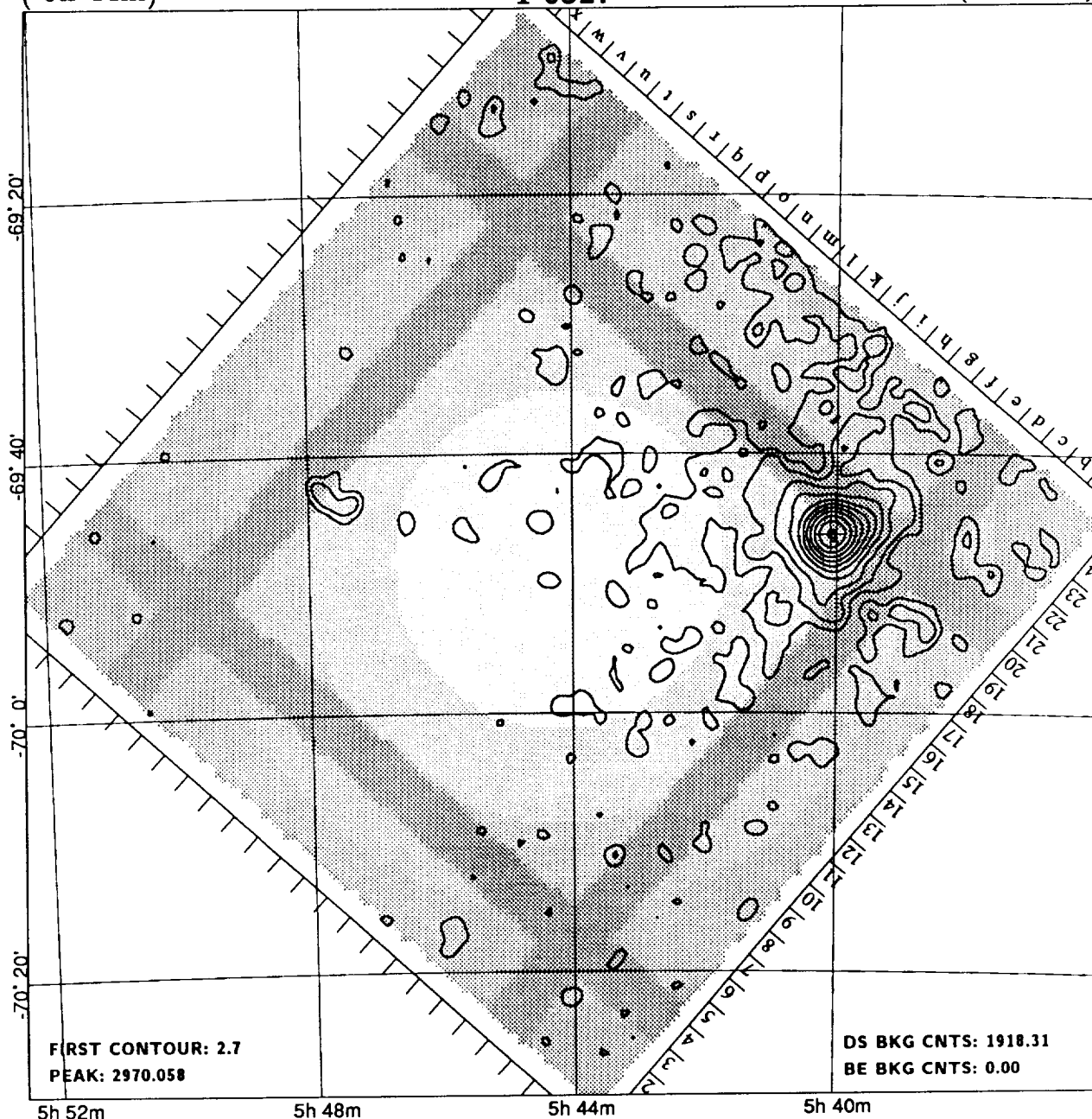
DATE: 1979/314 - 1979/314
 LIVETIME: 3900.5s
 ROLL ANGLE: -138.6°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS: L

(5h 44m)

I 6527

(5h 44m)



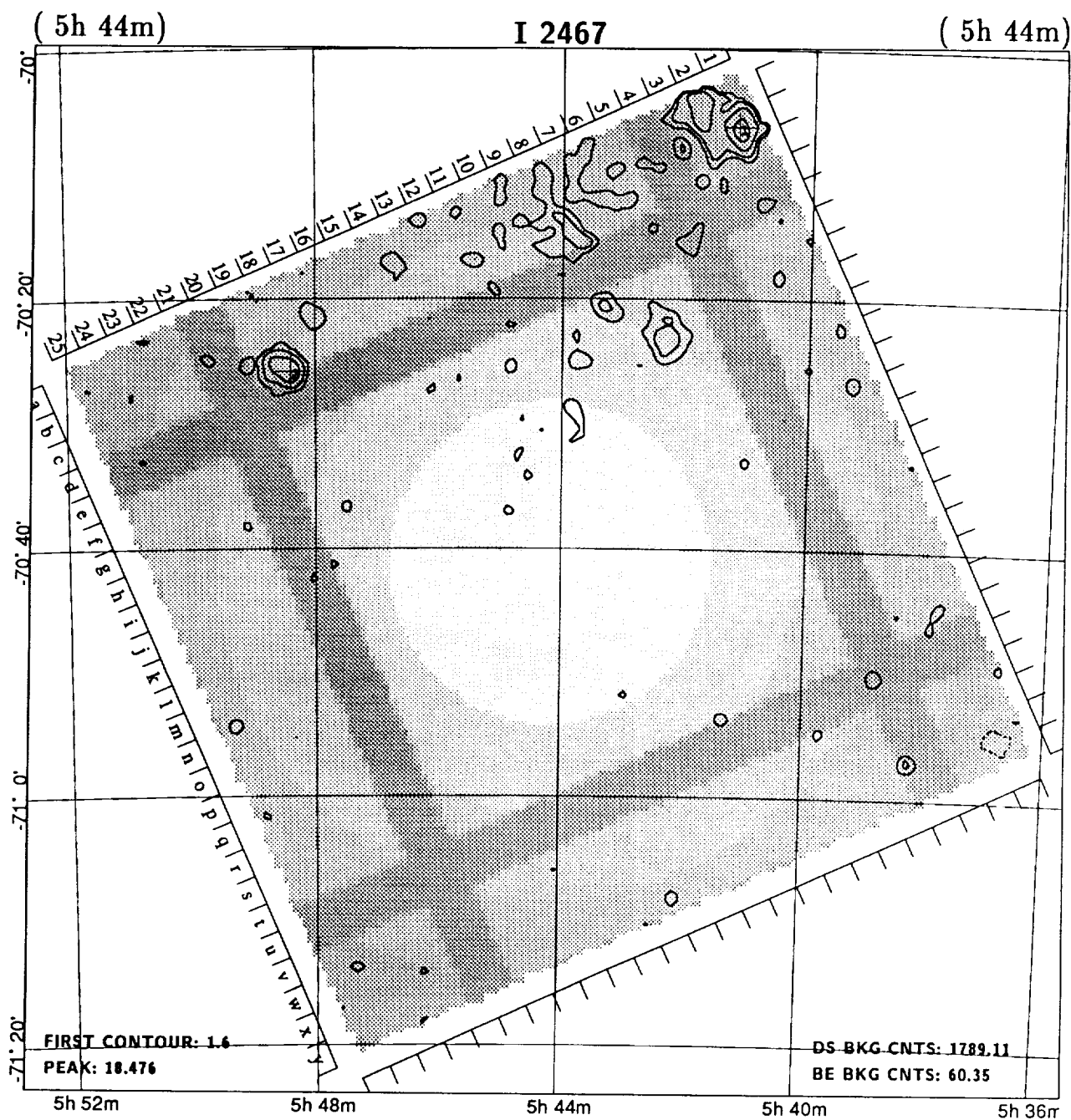
LMC X-1, IPC CALIBRATION POSITION 30

FIELD CENTER: $05^h 44^m 11.3^s$ $-69^\circ 47' 34''$ (B1950)
 $05^h 43^m 44.0^s$ $-69^\circ 46' 24''$ (J2000)
 $l: 280.19$ $b: -31.16$

DATE: 1979/315 - 1979/315
 LIVETIME: 1554.5s
 ROLL ANGLE: -138.6°

NH: $7.7E+20$
 REF/ID:
 FIELD FLAGS: L

CAT	FLD	RA	DEC	\pm	COUNT	\pm	NET	BKG	S/N	SIZE	RECO	R'	SRC	ID
#	#	(1950)	(1950)	"	RATE		CTS	CTS		COR			FLG	
1522	1L	05 40 05.7	-69 46 12	47	*10.05	0.14	7647.3	-28.2	69.7	1.2	602	21.3	A	S



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h44^m12.0^s -70°41'59" (B1950)
05^h43^m35.4^s -70°40'48" (J2000)
 l : 281.25 b : -31.08

DATE: 1979/100 - 1979/100

LIVETIME: 1449.8s

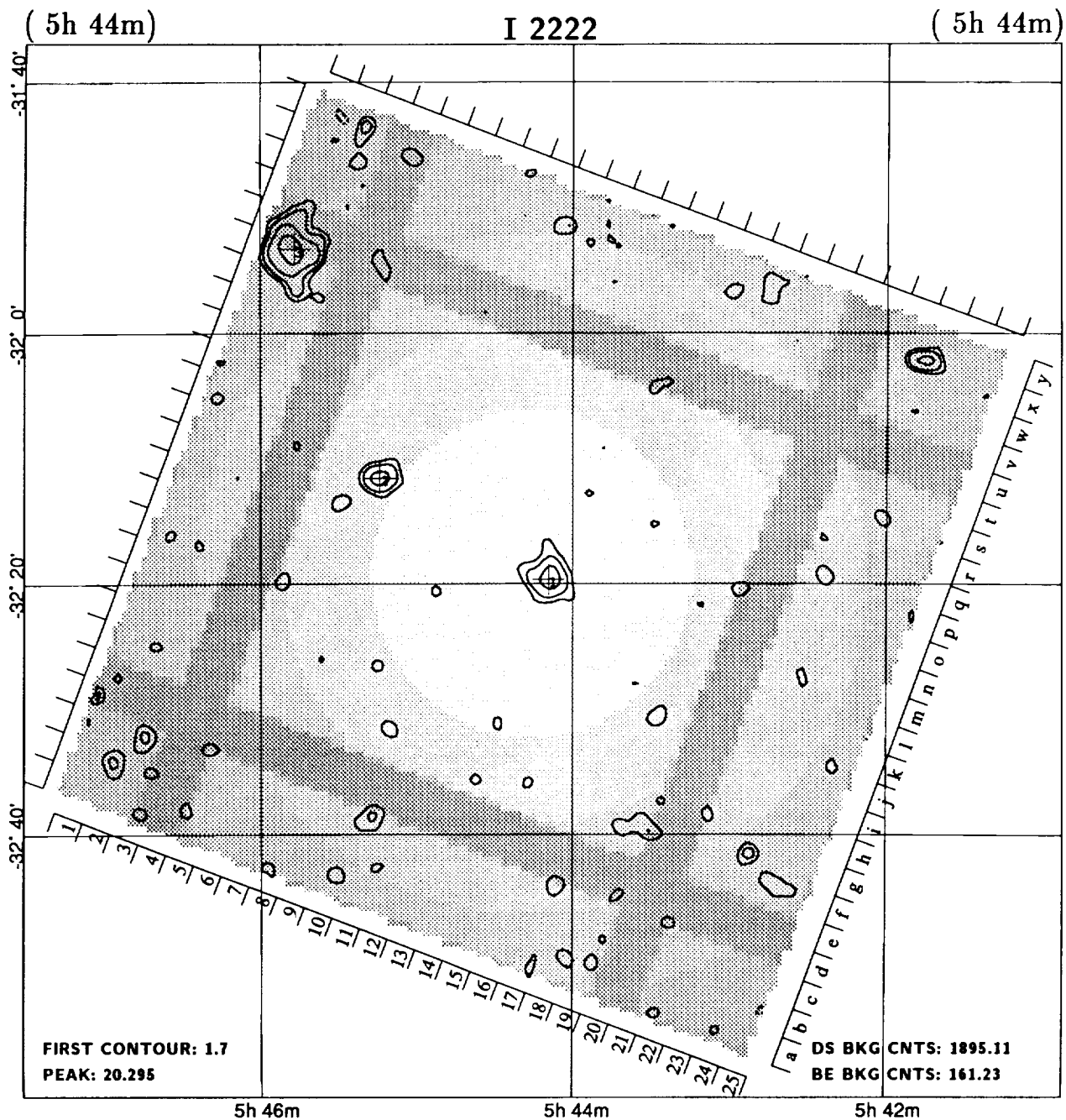
ROLL ANGLE: 66.0°

NH: 7.4E+20

REF/ID: !

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1533	1	05 41 11.8	-70 06 04	52	0.065	0.015	20.4	2.6	4.3	2.3	100	38.8	H	
1573	2	05 48 23.8	-70 25 46	51	*0.0391	0.0086	23.2	2.8	4.6	1.1	704	26.6	AH	SNR

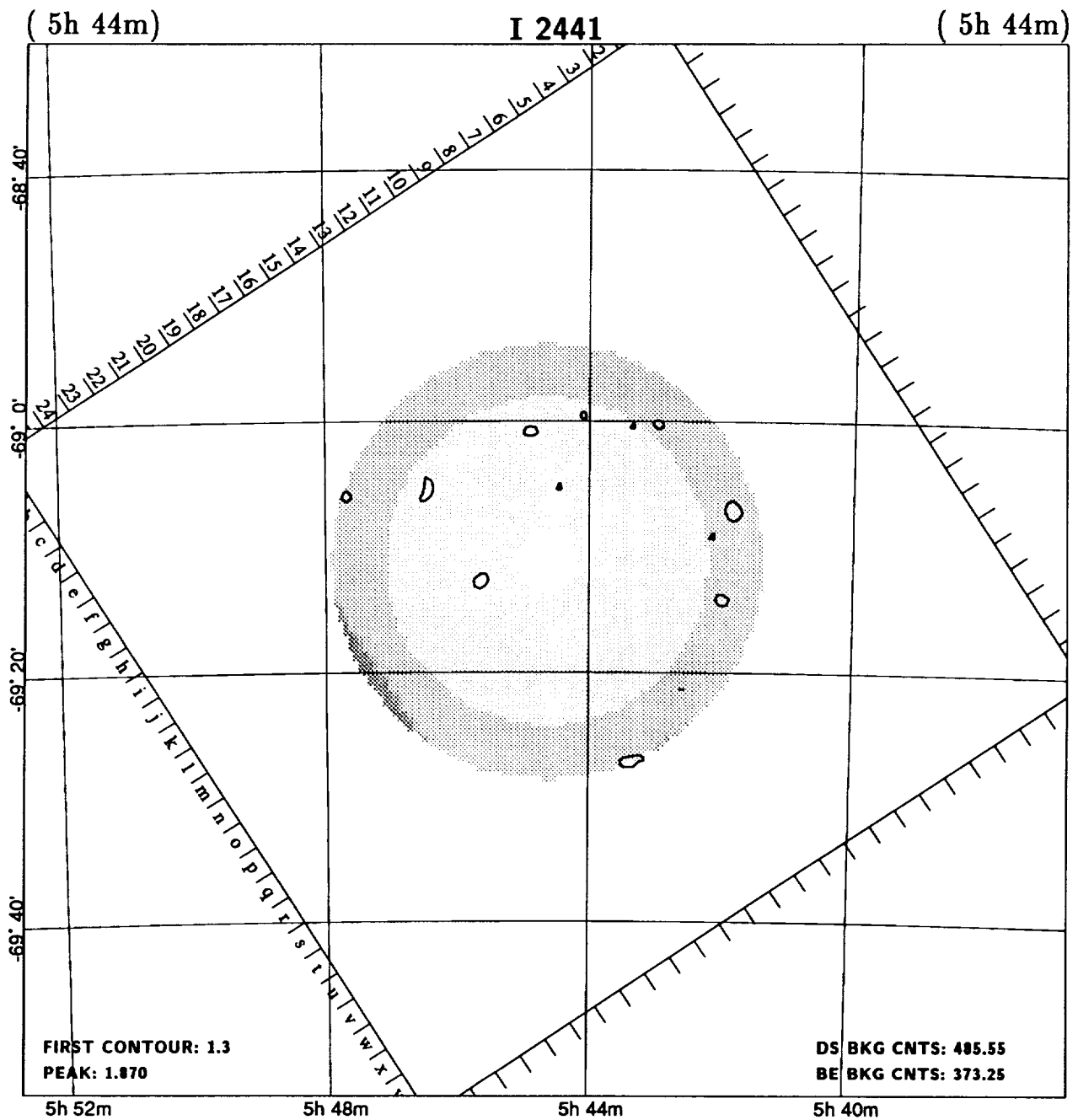


FIELD CENTER: 05^h44^m12.0^s -32°18'59" (B1950)
05^h46^m03.5^s -32°17'54" (J2000)
 l : 237.28 b : -27.09

DATE: 1979/238 - 1979/238
LIVETIME: 1535.7s
ROLL ANGLE: -69.4°

NH: 2.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1553	1	05 44 09.2	-32 19 39	35	0.0337	0.0058	38.3	5.7	5.8	1.4	0	0.7	H	S
1561	2	05 45 14.3	-32 11 33	51	0.0315	0.0063	28.9	4.1	5.0	0.9	0	15.5	H	
1564	3	05 45 47.0	-31 53 16	51	*0.069	0.013	33.1	2.9	5.5	1.8	906	32.7	H	

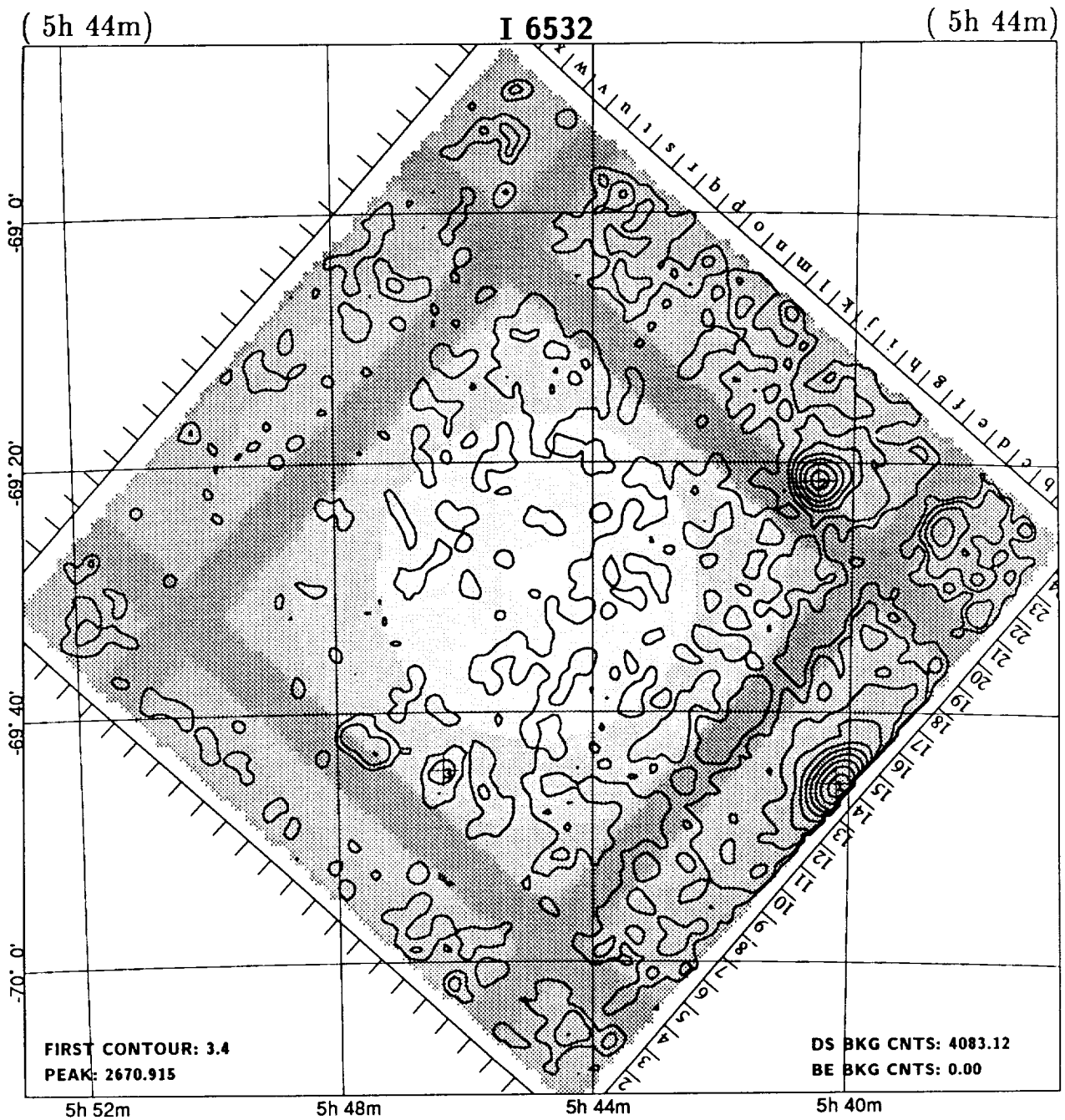


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^{\text{h}}44^{\text{m}}38.4^{\text{s}}$ $-69^{\circ}11'59''$ (B1950)
 $05^{\text{h}}44^{\text{m}}16.7^{\text{s}}$ $-69^{\circ}10'51''$ (J2000)
 $l: 279.50$ $b: -31.17$

DATE: 1979/101 - 1979/101
LIVETIME: 393.5s
ROLL ANGLE: 56.9°

NH: $7.5\text{E}+20$
REF/ID:
FIELD FLAGS:



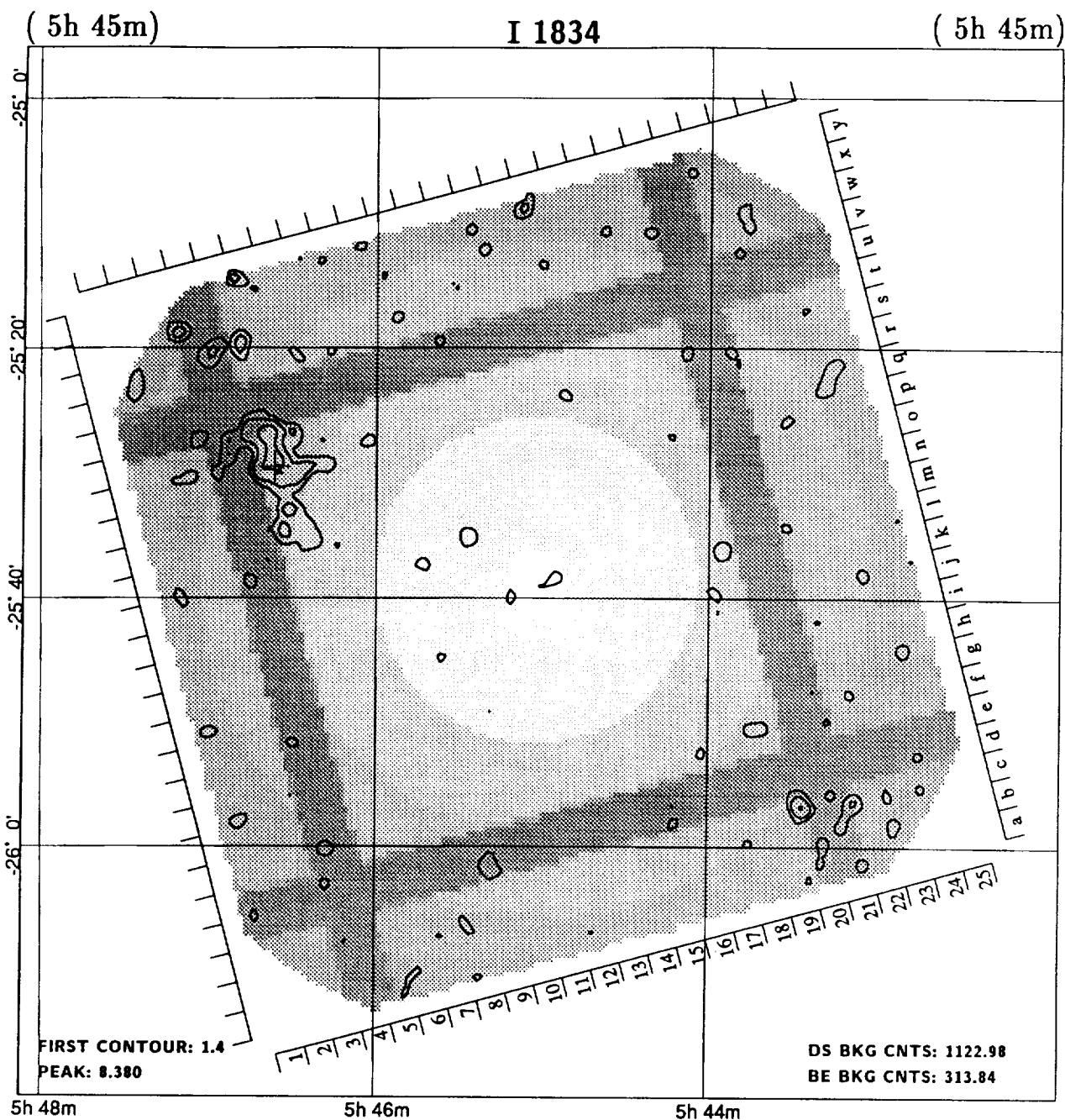
LMC X-1,IPC CALIBRATION POSITION 35

FIELD CENTER: 05^h44^m49.4^s -69°28'41" (B1950)
05^h44^m25.1^s -69°27'34" (J2000)
 l : 279.82 b : -31.13

DATE: 1979/315 - 1979/315
LIVETIME: 3308.7s
ROLL ANGLE: -138.6°

NH: 7.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 11.9	-69 45 46	47	*3.491	0.069	4989.5	676.6	50.7	1.8	602	29.6	AI	S
1525	2L	05 40 32.2	-69 21 26	47	*0.473	0.026	698.2	71.3	18.0	15.9	603	23.7	A	P
1565	3L	05 46 20.5	-69 44 43	55	0.0174	0.0044	32.1	13.9	3.9	1.2	0	17.9		



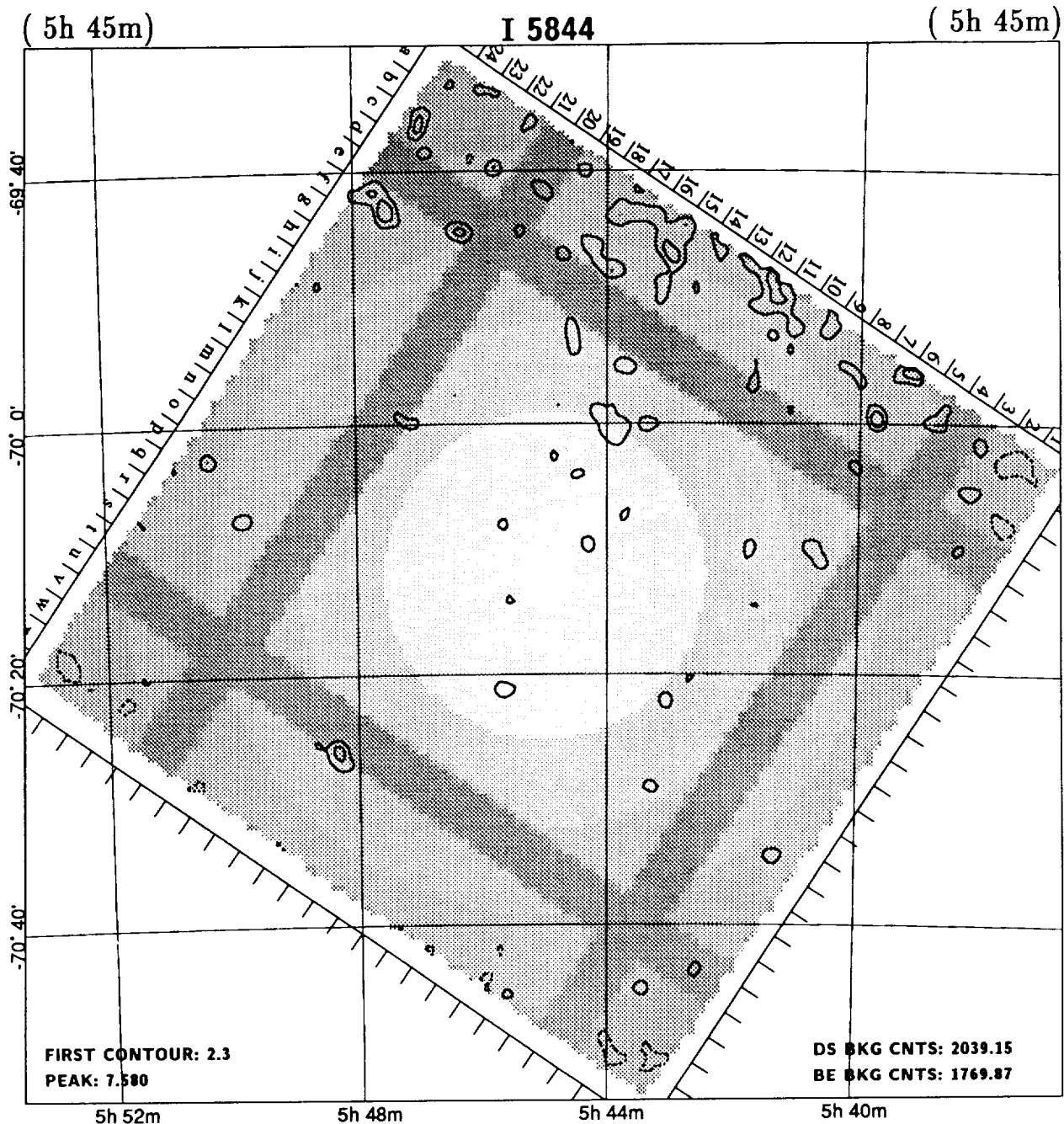
A548: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: 05^h45^m00.0^s -25°37'59" (B1950)
 05^h47^m01.7^s -25°36'58" (J2000)
 l : 230.29 b : -24.82

DATE: 1979/284 - 1979/284
 LIVETIME: 910.0s
 ROLL ANGLE: -105.0°

NH: 1.8E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1567	1	05 46 36.5	-25 29 32	52	*0.049	0.011	20.7	2.3	4.3	3.3	601	23.7	AH	

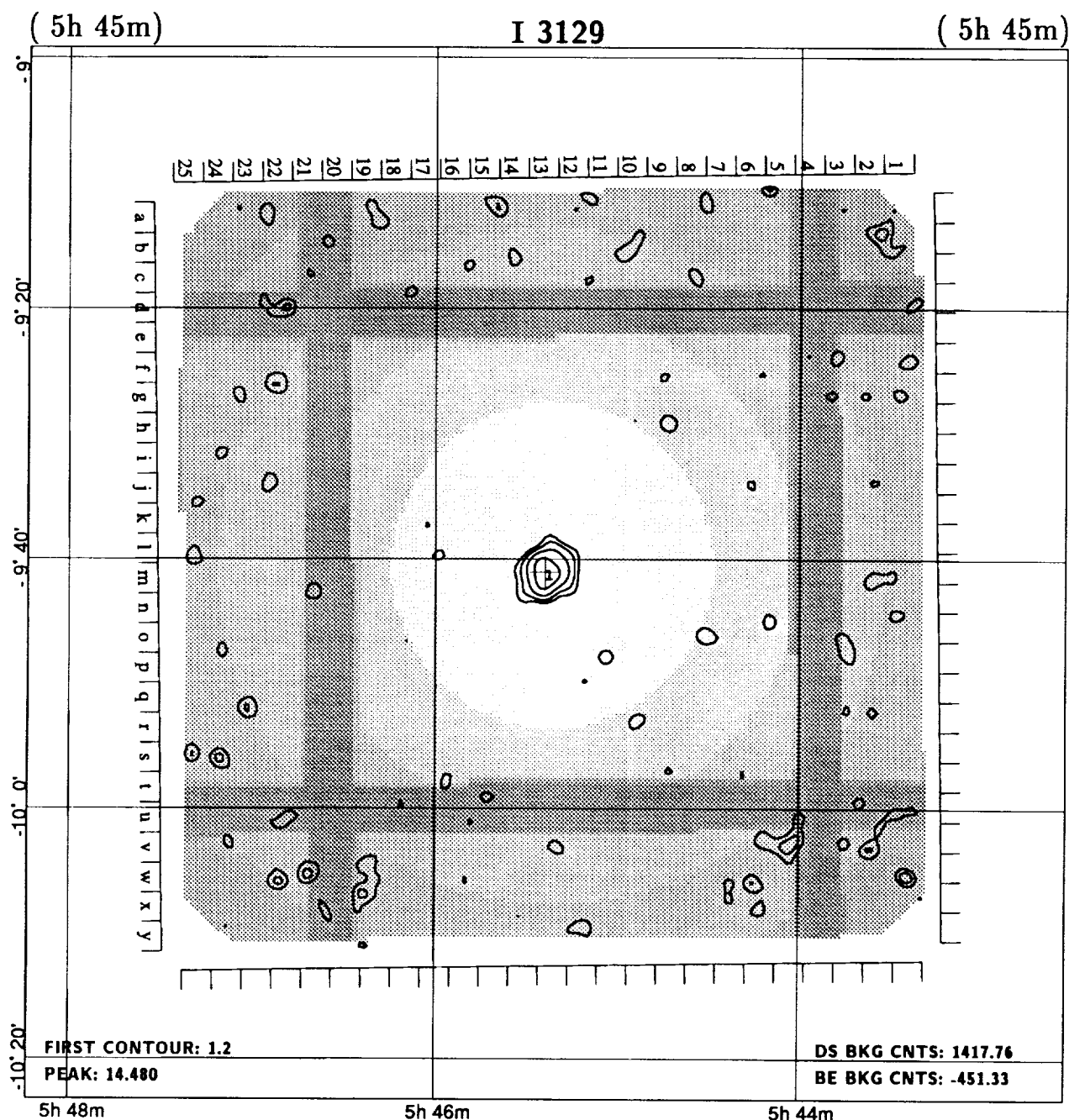


LMC SURVEY:

FIELD CENTER: 05^h45^m03.0^s -70°11'59" (B1950)
05^h44^m31.6^s -70°10'52" (J2000)
 ℓ : 280.66 b : -31.05

DATE: 1980/ 42 - 1980/ 42
LIVETIME: 1652.4s
ROLL ANGLE: 124.1°

NH: 7.5E+20
REF/ID:
FIELD FLAGS: L



CORONAL EMISSION FROM OB SUPERGIANTS: KAPPA ORI

FIELD CENTER: 05^h45^m23.0^s -09°41'11" (B1950)
 05^h47^m45.3^s -09°40'13" (J2000)
 l : 214.51 b : -18.50

DATE: 1979/ 85 - 1979/ 85
 LIVETIME: 1148.8s
 ROLL ANGLE: 89.1°

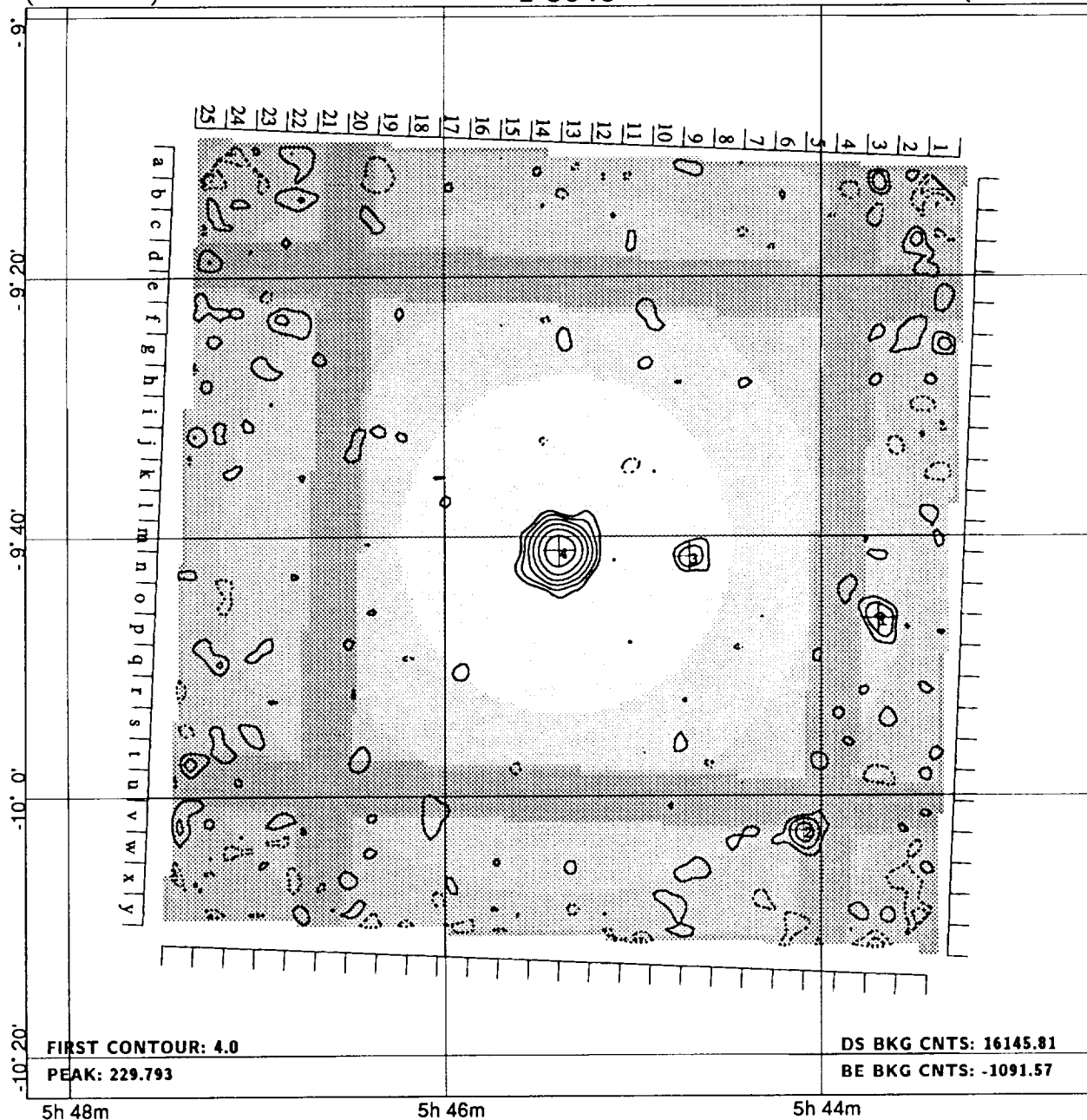
NH: 1.6E+21
 REF/ID: S
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1562	1	05 45 23.9	-09 41 02	32	0.0816	0.0099	69.8	2.2	8.2	1.4	0	0.2	AH	S

(5h 45m)

I 5048

(5h 45m)



KAPPA ORI,X-RAY/UV OBS. OF OB SUPERGIANTS

FIELD CENTER: $05^{\text{h}}45^{\text{m}}23.0^{\text{s}}$ $-09^{\circ}41'11''$ (B1950)
 $05^{\text{h}}47^{\text{m}}45.3^{\text{s}}$ $-09^{\circ}40'13''$ (J2000)
 $l: 214.51$ $b: -18.50$

DATE: 1980/ 74 - 1980/ 75
LIVETIME: 13553.2s
ROLL ANGLE: 92.4°

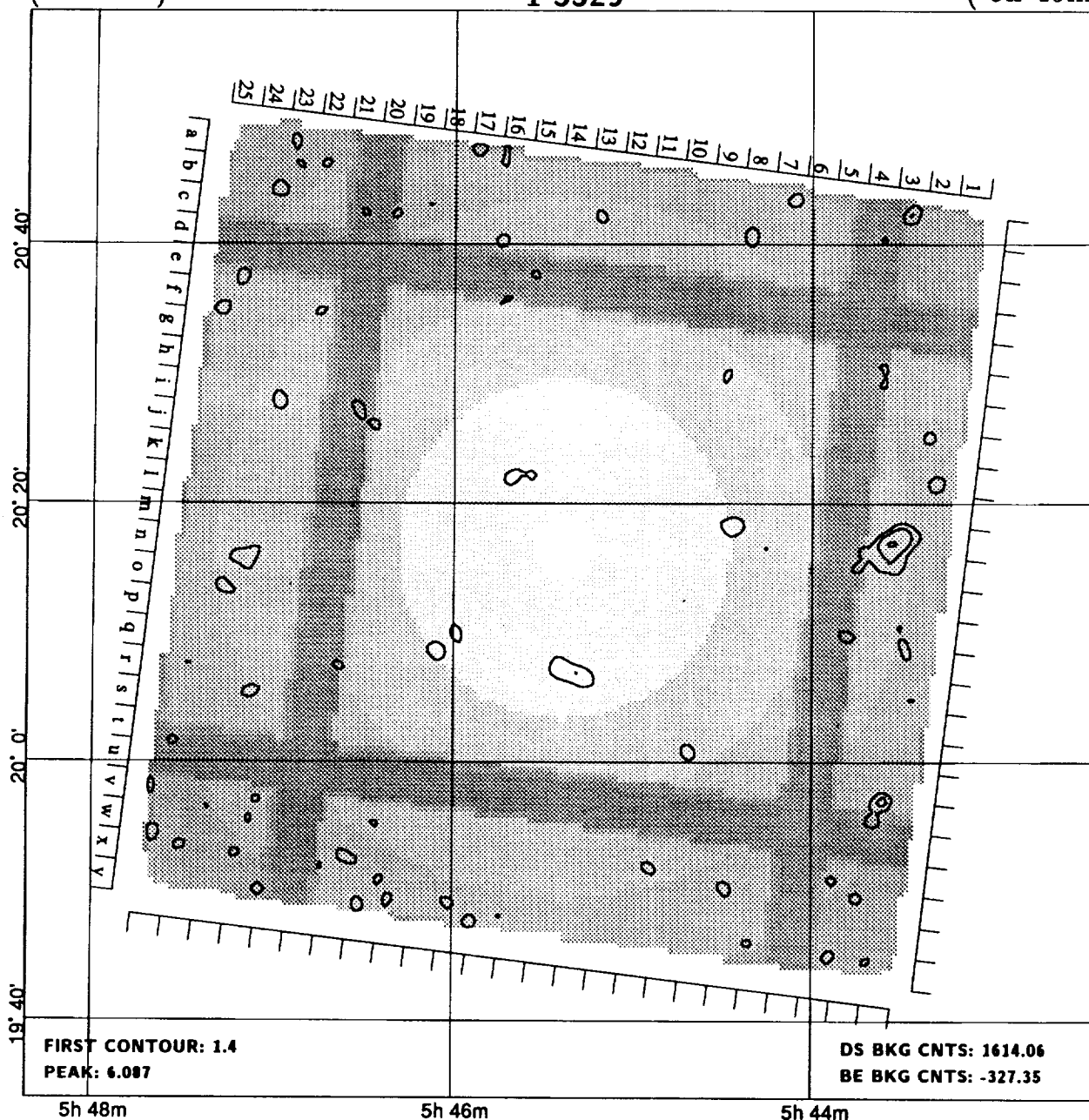
NH: $1.6\text{E}+21$
REF/ID: S
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1546	1	05 43 41.9	-09 46 20	52	0.0068	0.0014	39.7	22.3	5.0	0.8	600	25.4	
1552	2	05 44 05.6	-10 02 39	51	*0.0085	0.0015	42.3	15.7	5.6	0.9	1307	28.5	
1559	3	05 44 41.8	-09 41 32	42	0.00497	0.00096	45.1	30.9	5.2	0.8	0	10.0	
1562	4	05 45 23.4	-09 41 03	31	0.1072	0.0033	1081.7	37.3	32.3	1.4	0	0.2	AH S

(5h 45m)

I 3529

(5h 45m)

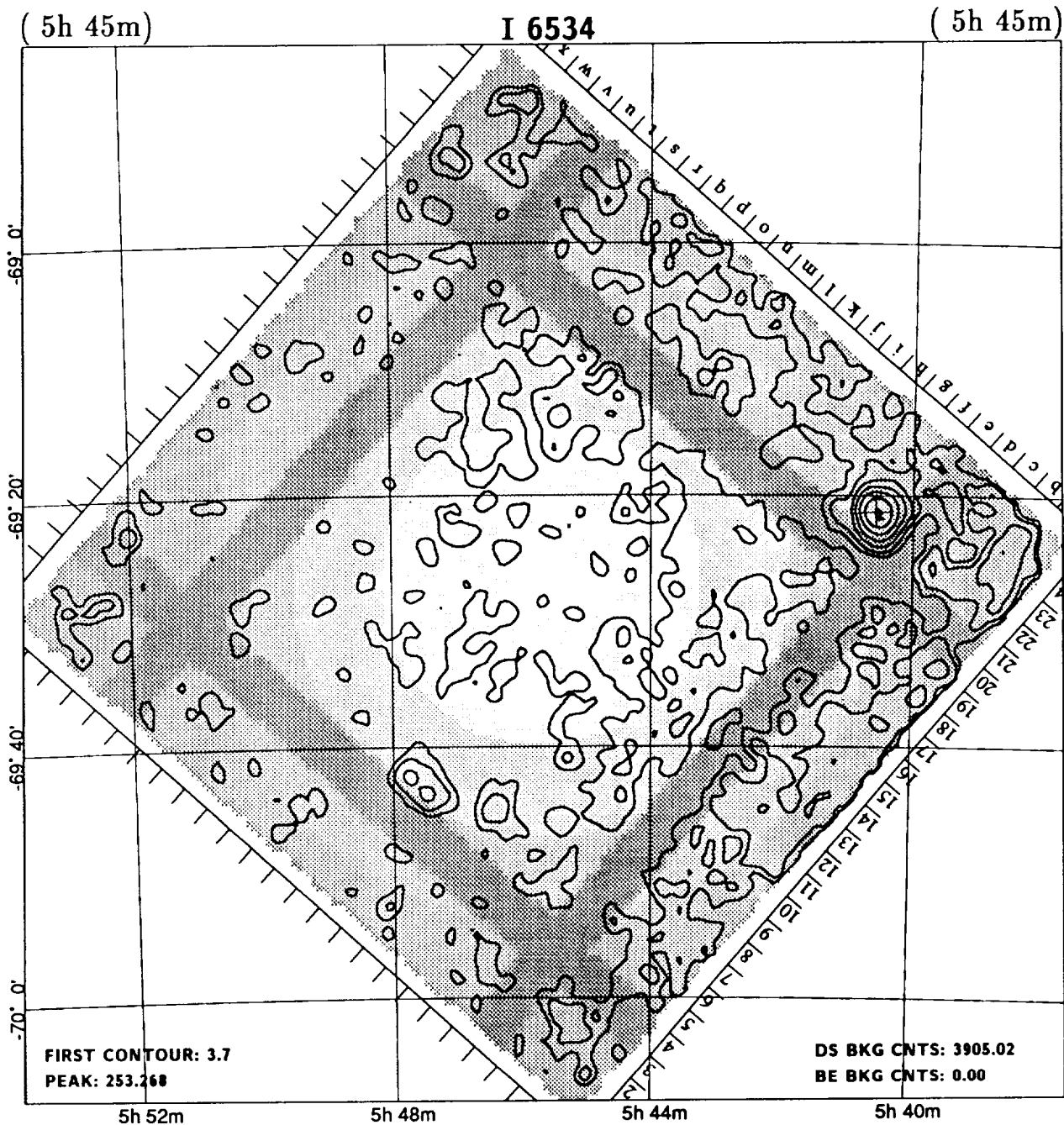


MISPOINTED, INTENDED TARGET WAS : CHI ORI, CORONAL ACTIVITY OF F, G, K STARS

FIELD CENTER: 05^h45^m23.0^s 20°15'59" (B1950)
05^h48^m21.4^s 20°16'57" (J2000)
 l : 187.73 b : -3.95

DATE: 1979/ 86 - 1979/ 86
LIVETIME: 1307.9s
ROLL ANGLE: 96.9°

NH: 4.2E+21
REF/ID:
FIELD FLAGS:



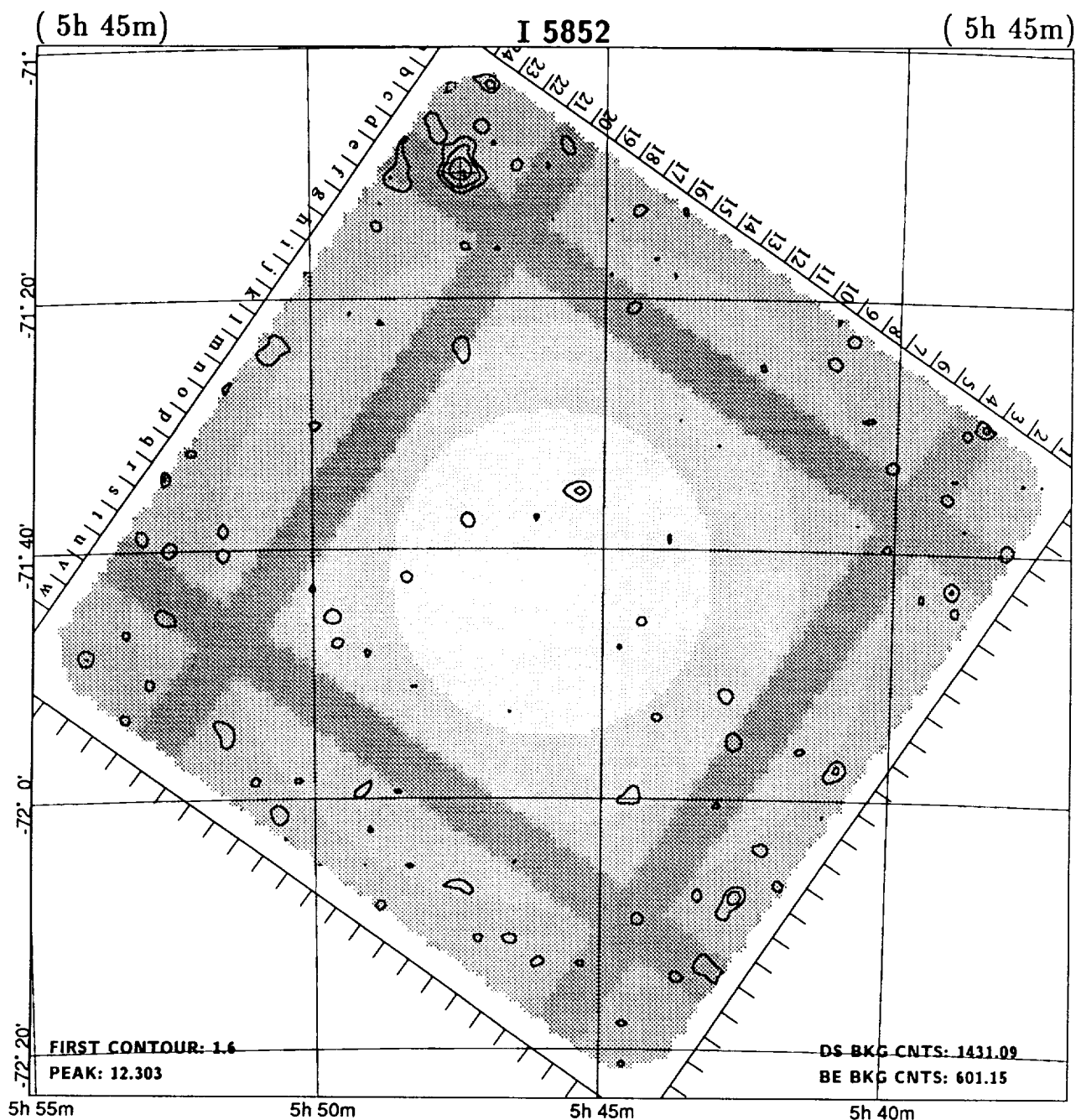
LMC X-1,IPC CALIBRATION POSITION 37

FIELD CENTER: 05^h45^m40.5^s -69°26'13" (B1950)
05^h45^m16.5^s -69°25'09" (J2000)
 l : 279.77 b : -31.06

DATE: 1979/315 - 1979/315
LIVETIME: 3164.4s
ROLL ANGLE: -138.6°

NH: 7.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1525	1L	05 40 33.7	-69 21 19	47	0.382	0.022	470.0	67.0	17.4	4.7	600	27.4	A	P



LMC SURVEY:

FIELD CENTER: 05^h45^m52.0^s -71°41'59" (B1950)
05^h45^m04.1^s -71°40'55" (J2000)
 l : 282.39 b : -30.85

DATE: 1980/ 42 - 1980/ 42
LIVETIME: 1159.7s
ROLL ANGLE: 124.8°

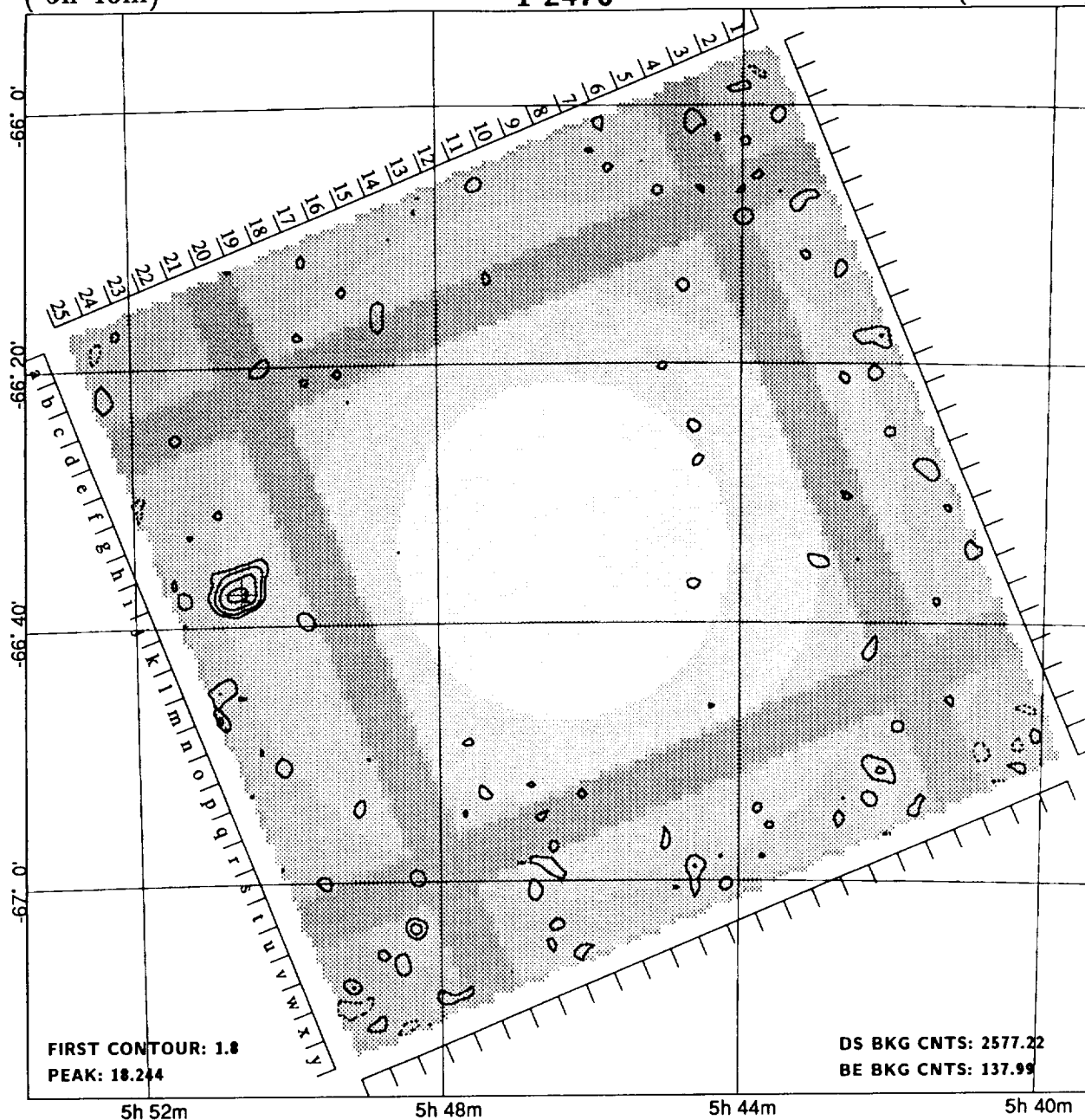
NH: 7.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1569	1	05 47 28.3	-71 10 00	55	*0.042	0.012	14.8	2.2	3.6	1.1	907	33.0	AH	*

(5h 46m)

I 2476

(5h 46m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 46^m 24.0^s$ $-66^\circ 34' 40''$ (B1950)
 $05^h 46^m 23.8^s$ $-66^\circ 33' 40''$ (J2000)
 l : 276.43 b : -31.16

DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 2088.4s
 ROLL ANGLE: 67.7°

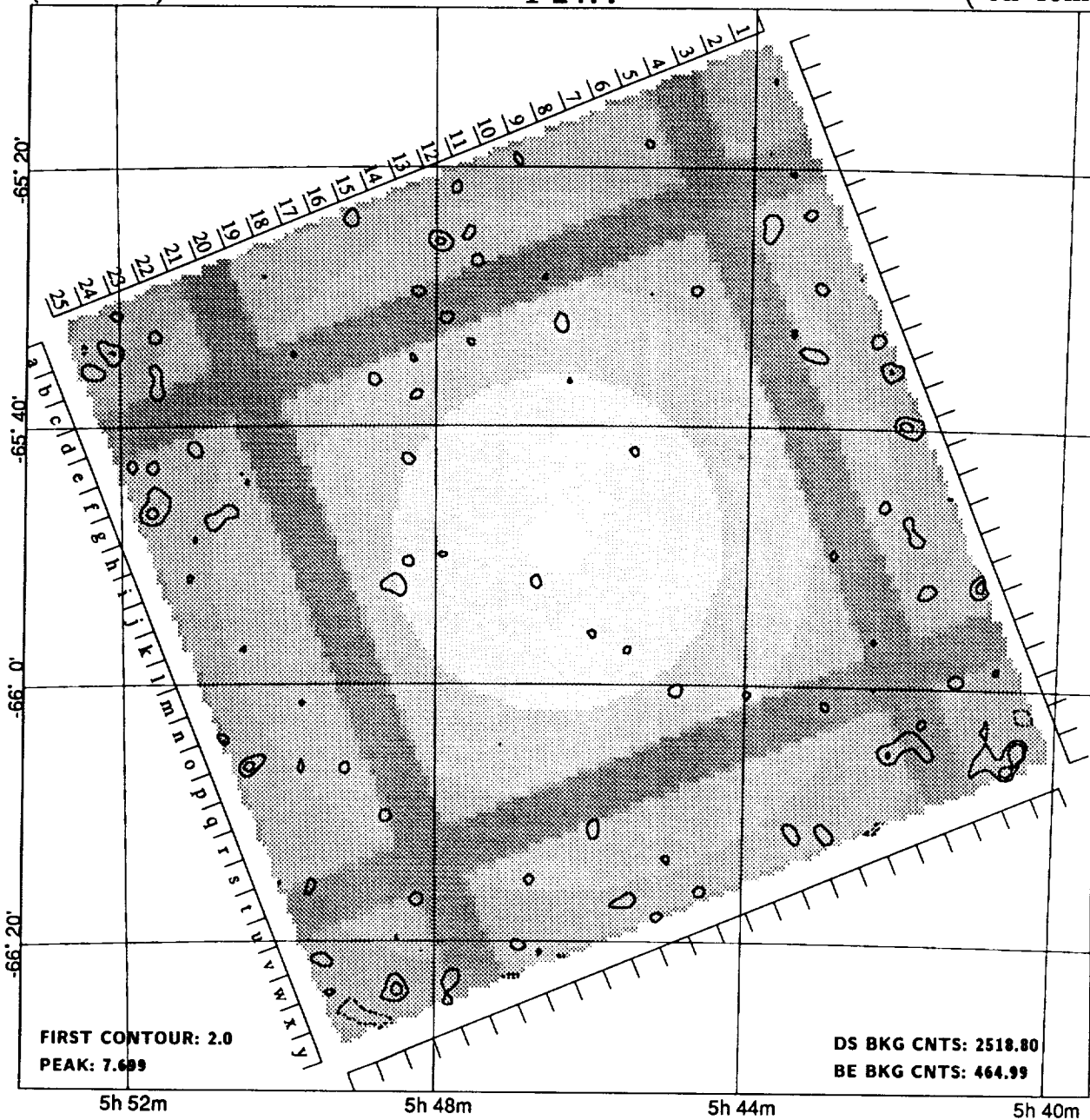
NH: $6.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1581	1	05 50 36.3	-66 37 27	50	0.0495	0.0079	43.4	4.6	6.3	1.2	0	25.1	H	SY

(5h 46m)

I 2477

(5h 46m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 46^m 24.0^s$ $-65^\circ 49' 40''$ (B1950)
 $05^h 46^m 29.1^s$ $-65^\circ 48' 40''$ (J2000)
 l : 275.55 b : -31.19

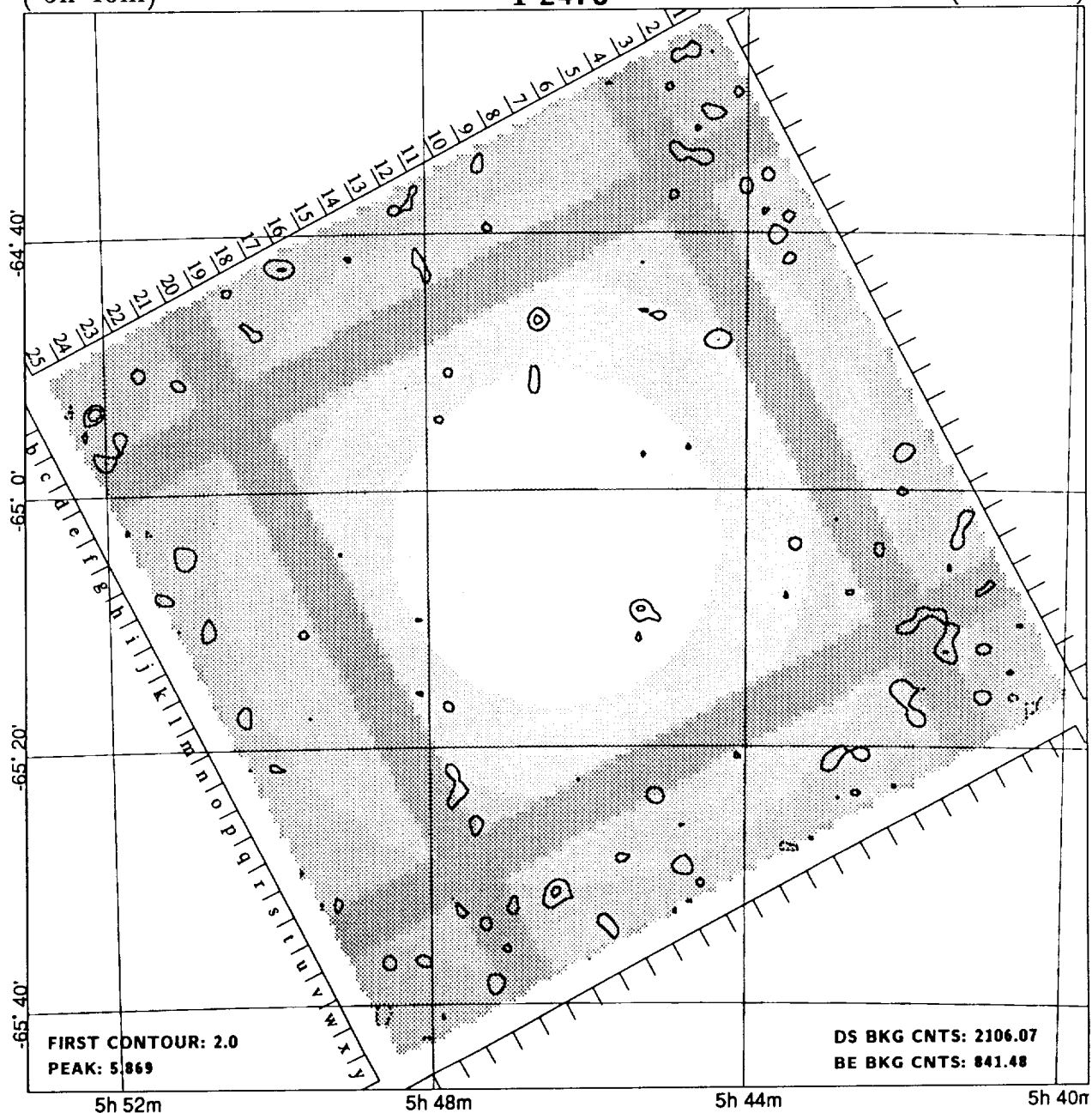
DATE: 1979/ 99 - 1979/ 99
LIVETIME: 2041.1s
ROLL ANGLE: 68.0°

NH: 6.2E+20
REF/ID: !
FIELD FLAGS:

(5h 46m)

I 2478

(5h 46m)

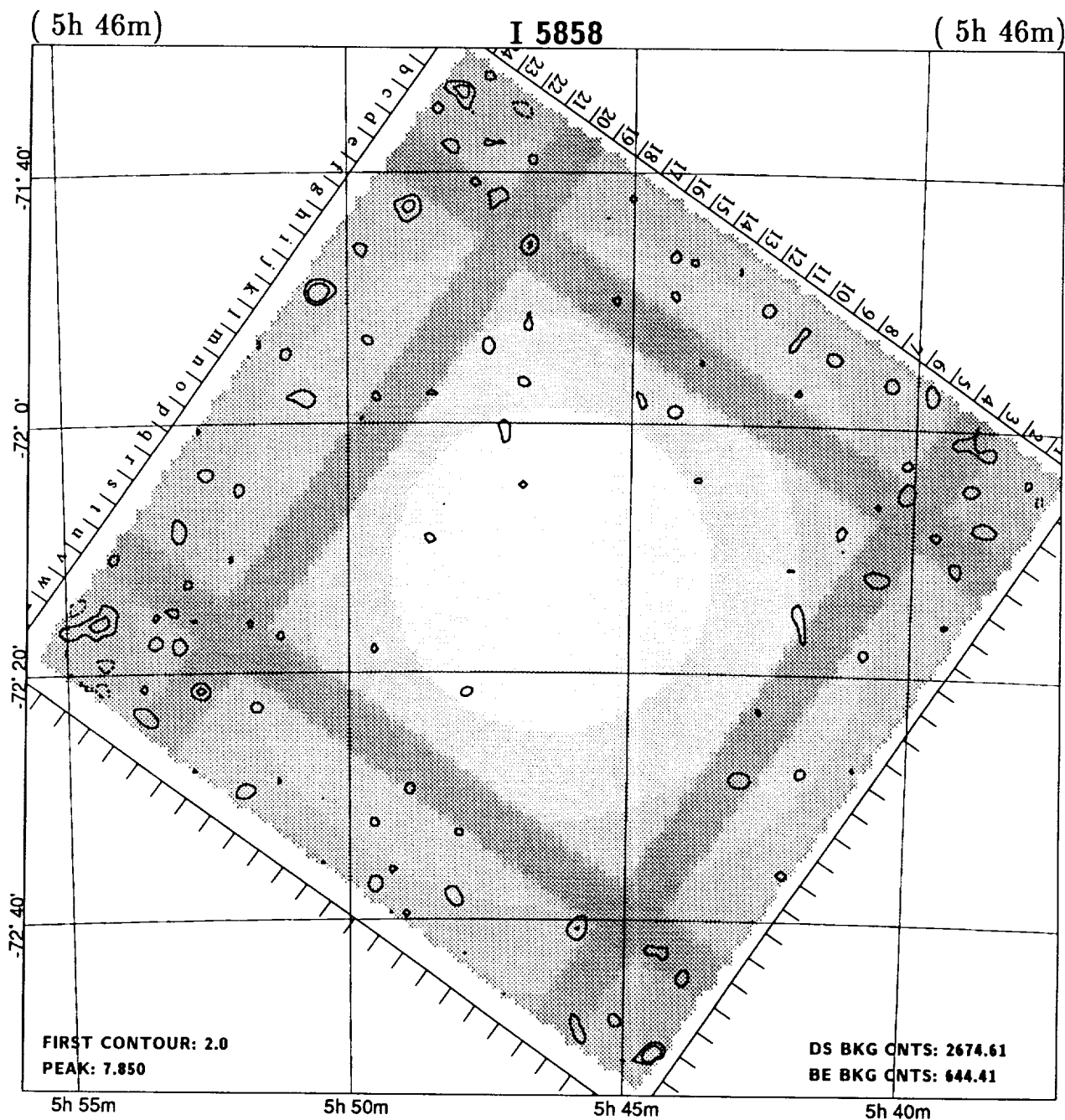


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 46^m 24.0^s$ $-65^\circ 04' 39''$ (B1950)
 $05^h 46^m 34.2^s$ $-65^\circ 03' 40''$ (J2000)
 l : 274.68 b : -31.22

DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 1706.6s
 ROLL ANGLE: 62.3°

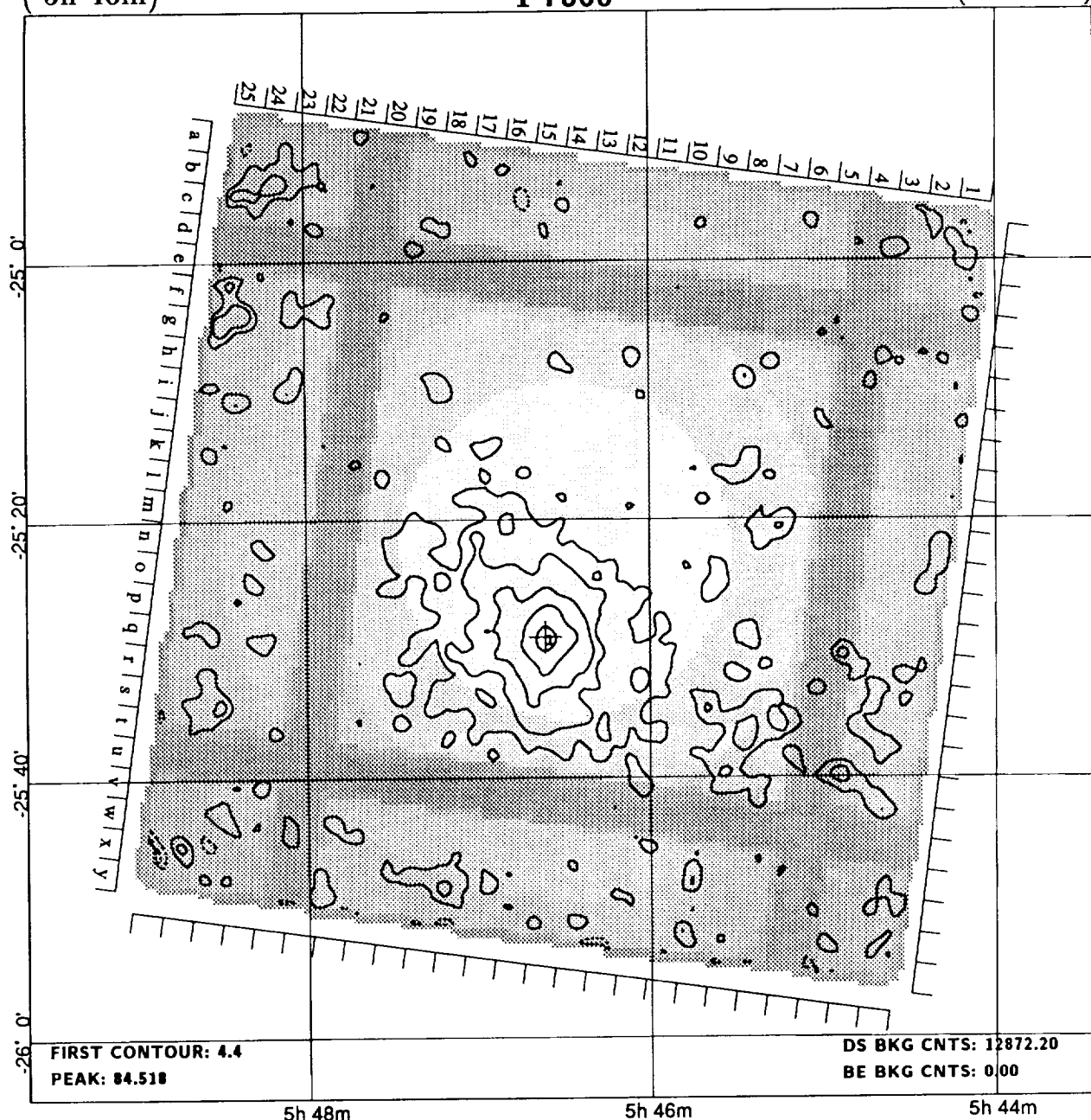
NH: 5.8E+20
 REF/ID: !
 FIELD FLAGS:



(5h 46m)

I 7860

(5h 46m)



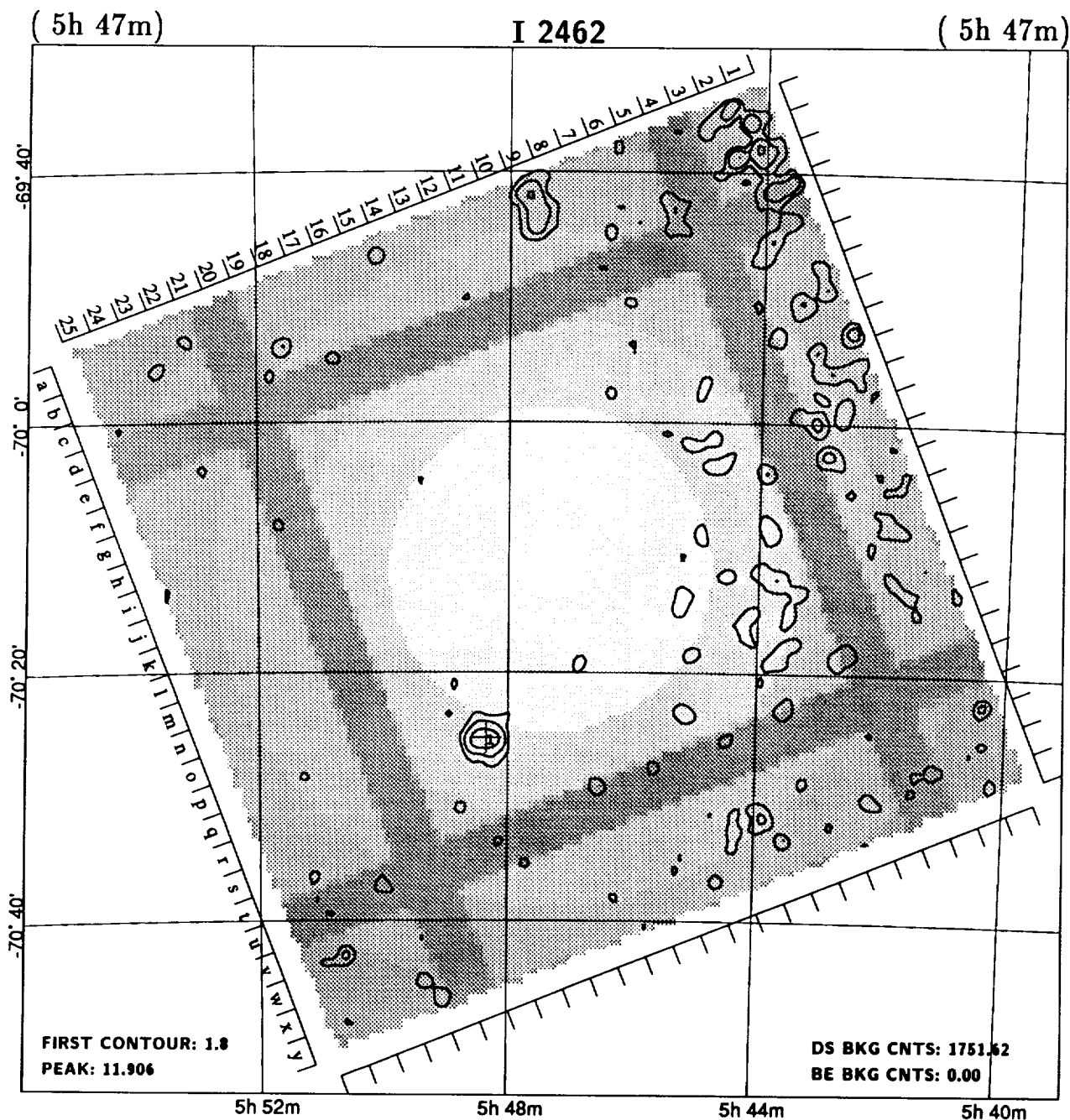
ABELL 548, IRREG CLUSTERS OF GALAXIES NOT YET IN DYNAMICAL EQ

FIELD CENTER: $05^h 46^m 31.2^s$ $-25^\circ 22' 47''$ (B1950)
 $05^h 48^m 33.3^s$ $-25^\circ 21' 53''$ (J2000)
 $l: 230.15$ $b: -24.41$

DATE: 1980/ 67 - 1980/ 68
 LIVETIME: 10430.7s
 ROLL ANGLE: 97.7°

NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1567	1L	05 46 36.5	-25 29 04	38	0.0295	0.0035	214.4	214.6	8.3	6.8	0	6.4	A



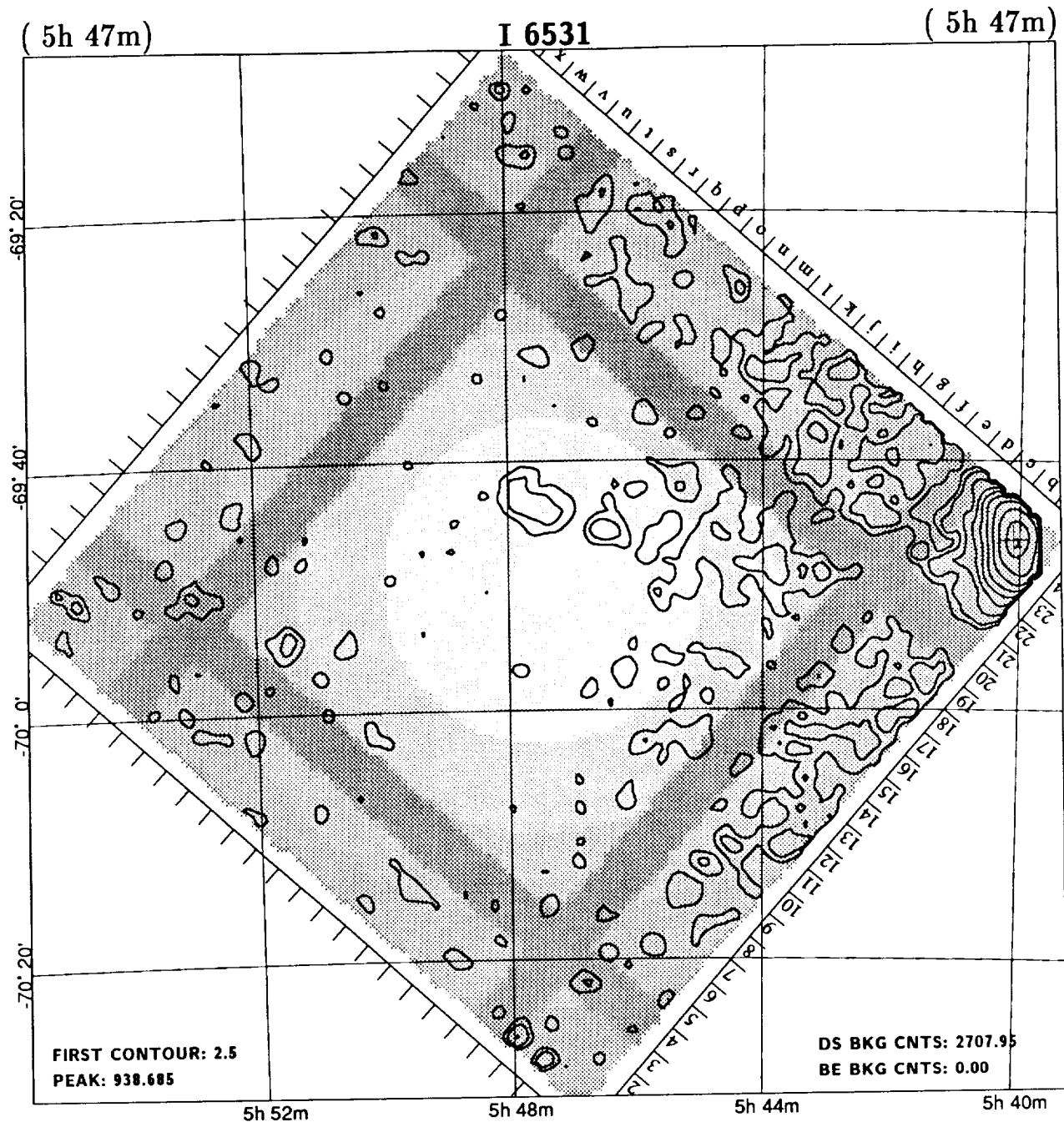
LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h47^m24.0^s$ $-70^\circ11'59''$ (B1950)
 $05^h46^m52.4^s$ $-70^\circ11'03''$ (J2000)
 $l: 280.64$ $b: -30.85$

DATE: 1979/ 98 - 1979/ 98
 LIVETIME: 1419.4s
 ROLL ANGLE: 68.6°

NH: $7.4E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1573	1L	05 48 21.0	-70 25 18	41	0.0407	0.0093	34.5	11.5	4.2	1.2	0	14.5	A	SNR



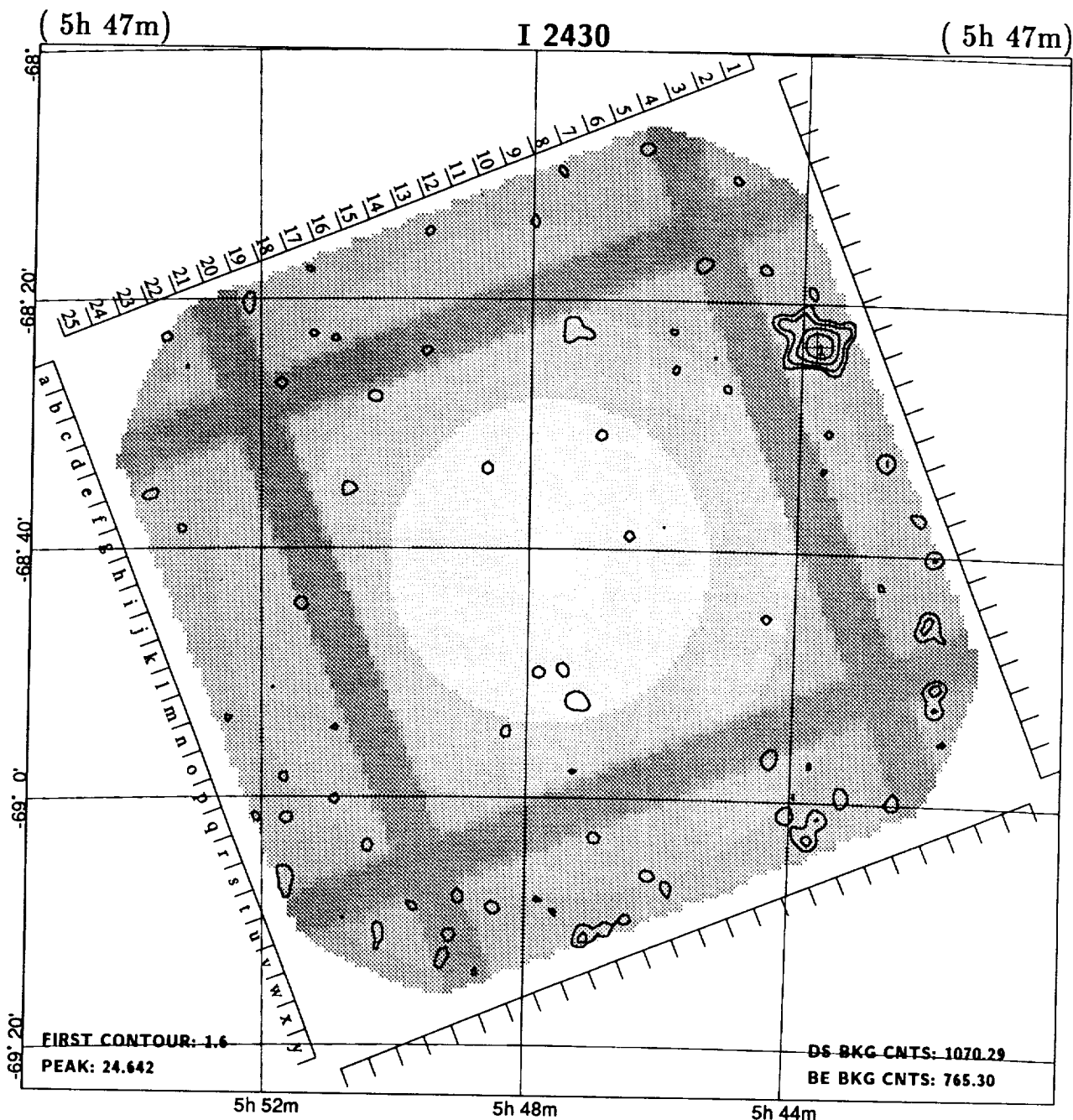
LMC X-1,IPC CALIBRATION POSITION 34

FIELD CENTER: 05^h47^m27.2^s -69°49'00" (B1950)
05^h46^m59.5^s -69°48'04" (J2000)
 ℓ : 280.20 b : -30.88

DATE: 1979/315 - 1979/315
LIVETIME: 2194.3s
ROLL ANGLE: -138.6°

NH: 7.5E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1522	1L	05 40 05.9	-69 46 18	47	1.773	0.093	842.9	517.1	18.9	2.2	0	38.2	A	S



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 47^m 43.2^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 47^m 25.8^s$ $-68^\circ 41' 05''$ (J2000)
 $l: 278.89$ $b: -30.93$

DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 867.3s
 ROLL ANGLE: 68.3°

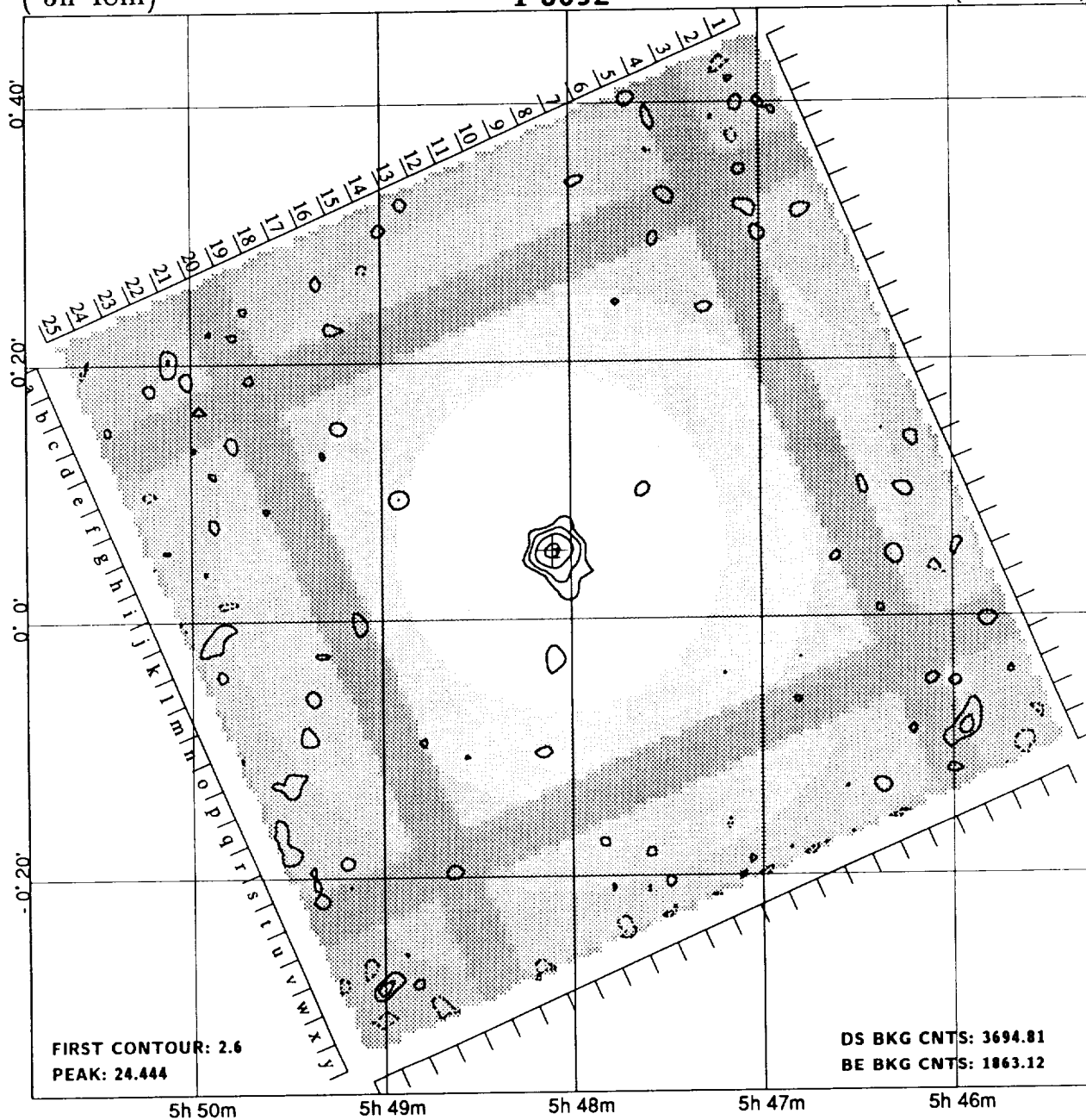
NH: $7.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1550	1	05 43 47.6	-68 23 23	50	0.167	0.023	55.9	3.1	7.3	1.4	0	28.4	AH	S

(5h 48m)

I 8692

(5h 48m)



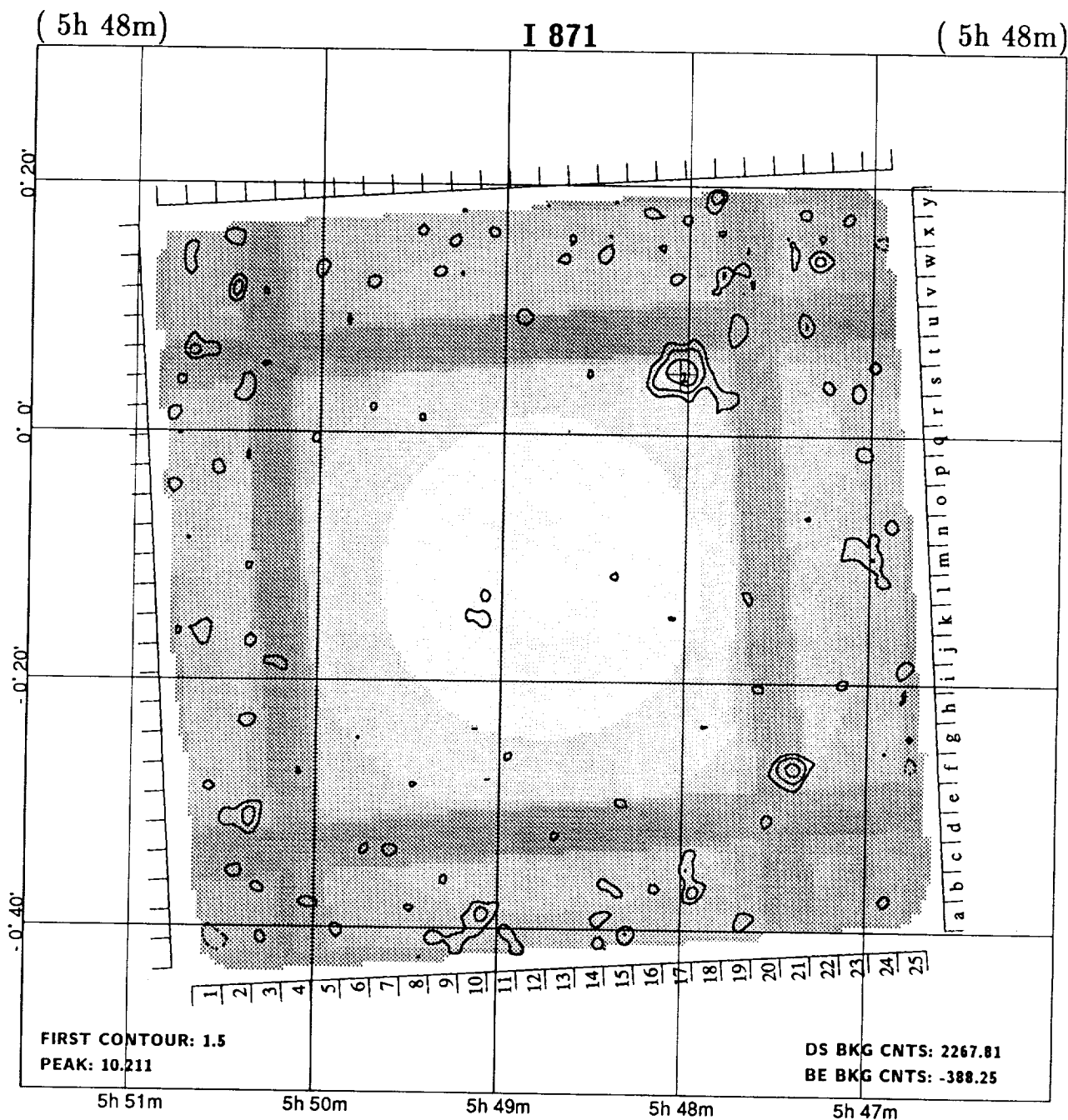
EG 289: Substitute target 3/24/81, Very Hot White Dwarfs

FIELD CENTER: 05^h48^m04.0^s 00°05'11" (B1950)
 05^h50^m37.8^s 00°05'58" (J2000)
 ℓ : 205.78 b : -13.45

DATE: 1981/ 95 - 1981/ 95
 LIVETIME: 2994.0s
 ROLL ANGLE: 66.4°

NH: 1.9E+21
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1572	1L	05 48 06.0	00 05 21	31	0.0386	0.0058	85.9	34.1	6.5	1.4	0	0.5	A	*



EG 248 (G99-37) STELLAR OBSERVATIONS, WHITE DWARFS

FIELD CENTER: 05^h48^m46.0^s -00°11'11" (B1950)
05^h51^m19.5^s -00°10'28" (J2000)
 l : 206.11 b : -13.42

DATE: 1979/268 - 1979/278
LIVETIME: 1837.7s
ROLL ANGLE: -93.5°

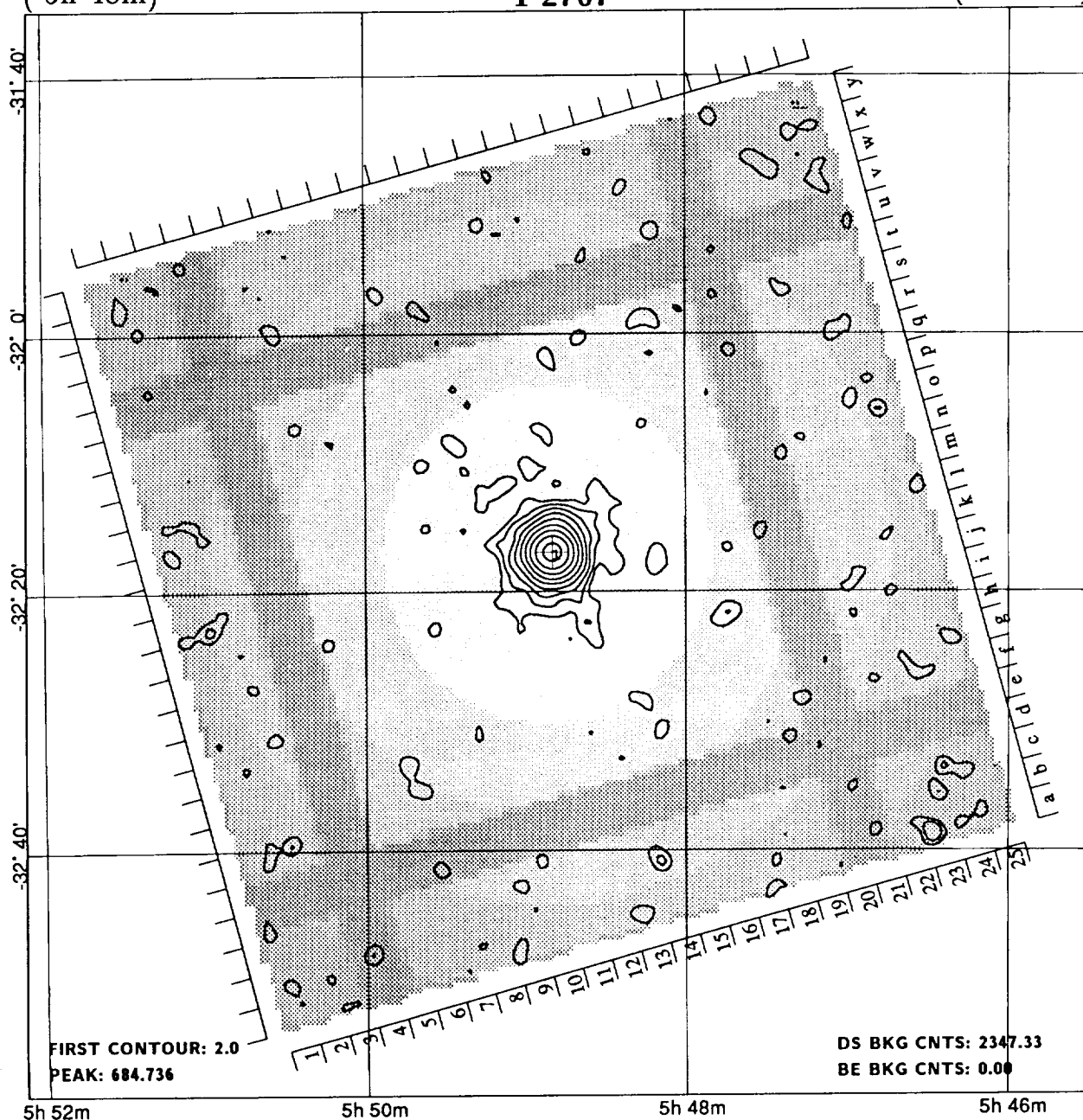
NH: 2.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1572	1	05 48 02.6	00 04 54	51	0.0358	0.0065	33.7	3.3	5.5	1.5	500	19.4	AH	*

(5h 48m)

I 2707

(5h 48m)



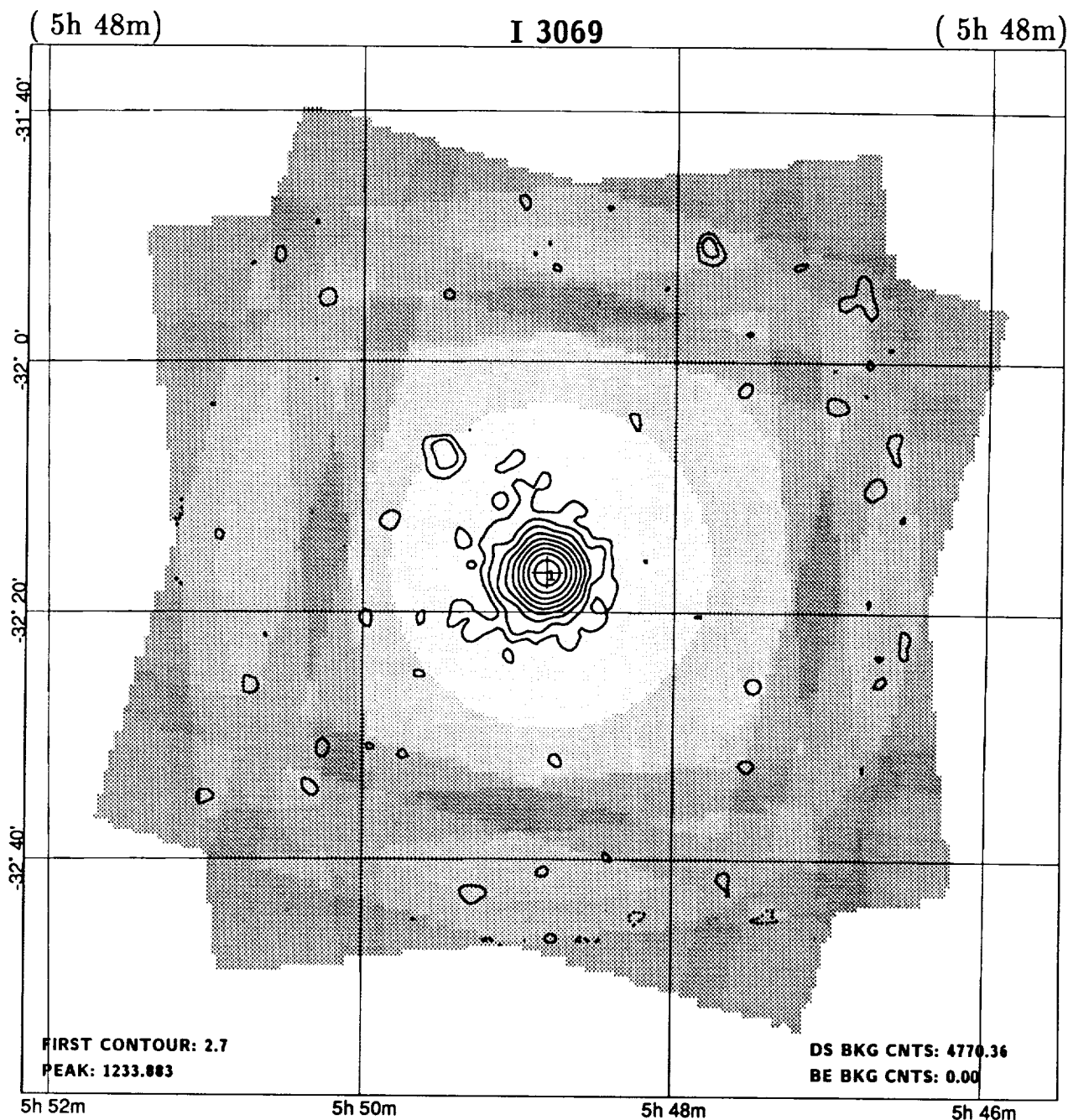
QUASAR SURVEY: PKS 0548-322

FIELD CENTER: $05^h 48^m 48.0^s$ $-32^\circ 16' 59''$ (B1950)
 $05^h 50^m 39.6^s$ $-32^\circ 16' 14''$ (J2000)
 $l: 237.56$ $b: -26.15$

DATE: 1979/283 - 1979/283
 LIVETIME: 1902.1s
 ROLL ANGLE: -105.3°

NH: $2.4E+20$
 REF/ID: !
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1574	1L	05 48 49.8	-32 16 58	31	1.896	0.043	2691.5	232.5	44.1	1.3	0	0.4	A	BL



PKS 0548-322: BL LAC'S IN CLUSTERS OF GALAXIES

FIELD CENTER: 05^h48^m50.0^s -32°16'55" (B1950)
05^h50^m41.6^s -32°16'10" (J2000)
 l : 237.56 b : -26.14

DATE: 1979/ 59 - 1979/ 85
LIVETIME: 3865.6s

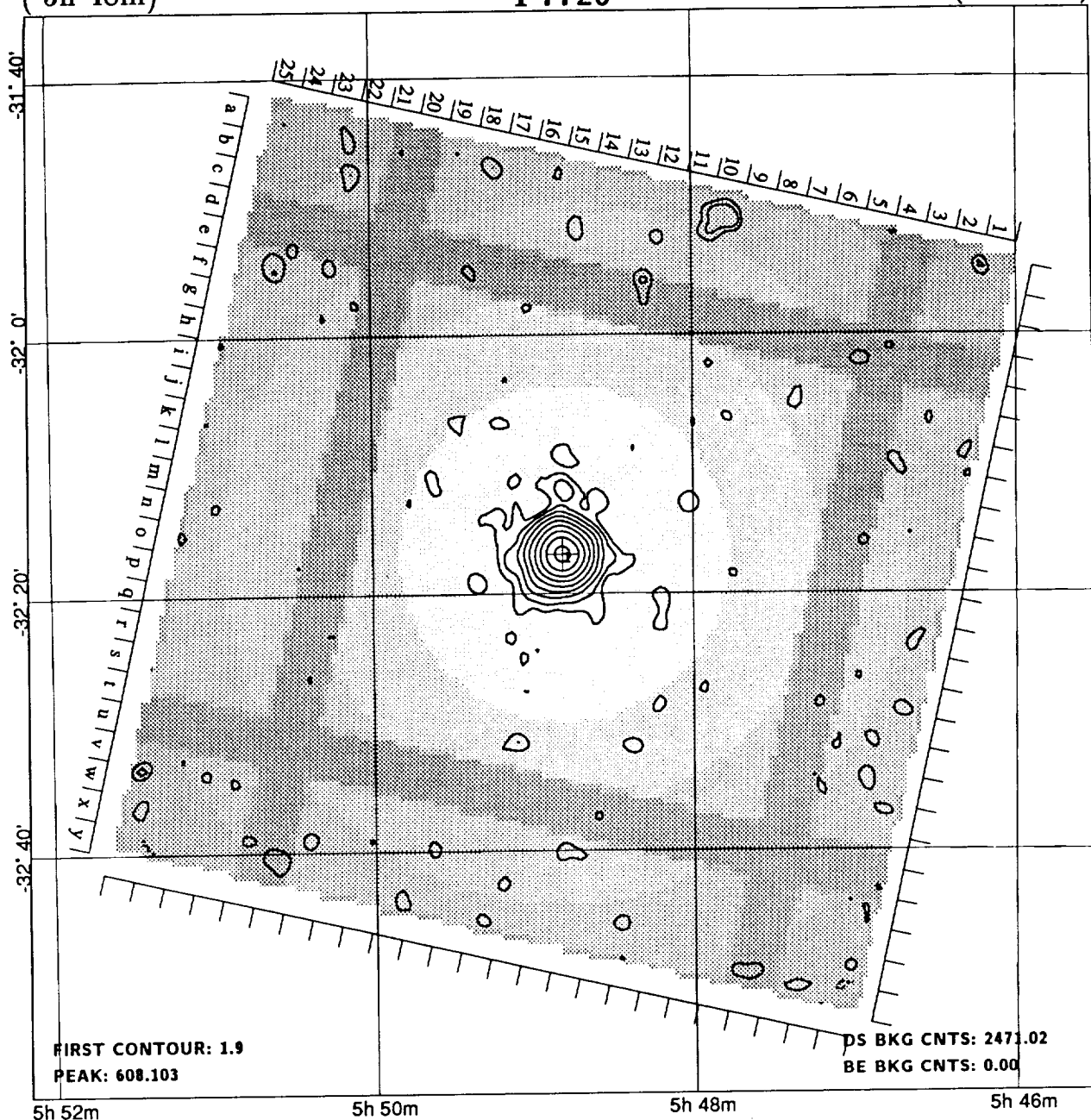
NH: 2.4E+20
REF/ID: I
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1574	1L	05 48 49.2	-32 16 53	31	1.658	0.029	4779.0	577.0	57.5	1.3	0	0.2	A	BL

(5h 48m)

I 7726

(5h 48m)



PKS 0548-322,BL LAC OBJECTS W/GROUPS OR CLUSTERS OF GALAXIES

FIELD CENTER: $05^{\text{h}}48^{\text{m}}50.0^{\text{s}}$ $-32^{\circ}16'55''$ (B1950)
 $05^{\text{h}}50^{\text{m}}41.6^{\text{s}}$ $-32^{\circ}16'10''$ (J2000)
 $l: 237.56$ $b: -26.14$

DATE: 1980/ 63 - 1980/ 63
 LIVETIME: 2002.3s
 ROLL ANGLE: 102.6°

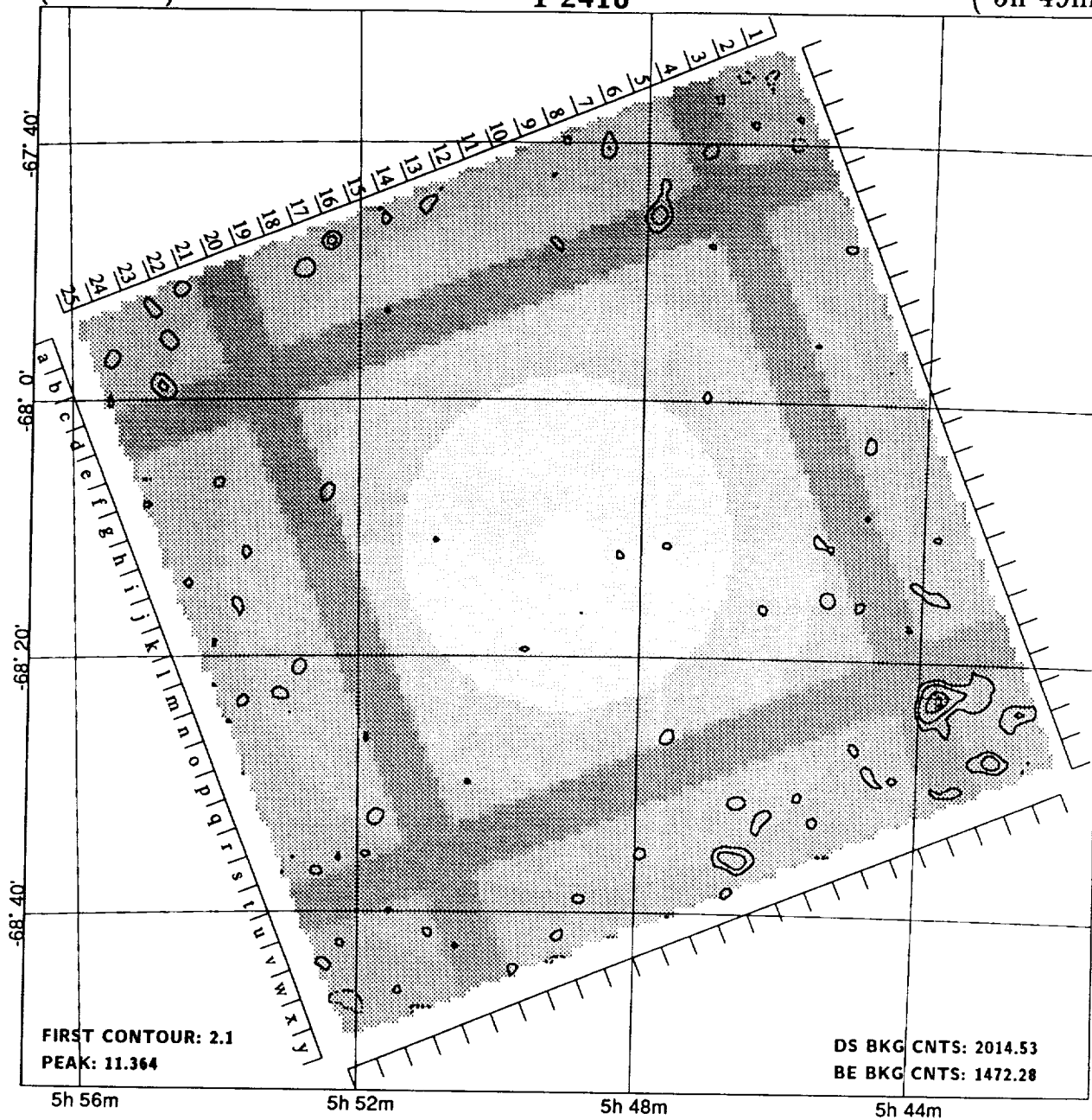
NH: $2.4\text{E}+20$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1574	1L	05 48 48.9	-32 17 00	31	1.521 0.038	2272.8	295.2	39.4	1.3	0	0.3	A	BL

(5h 49m)

I 2418

(5h 49m)



LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: 05^h49^m04.8^s -68°11'59" (B1950)
 05^h48^m51.7^s -68°11'11" (J2000)
 l : 278.30 b : -30.83

DATE: 1979/ 99 - 1979/ 99

NH: 7.0E+20

LIVETIME: 1632.4s

REF/ID:

ROLL ANGLE: 68.3°

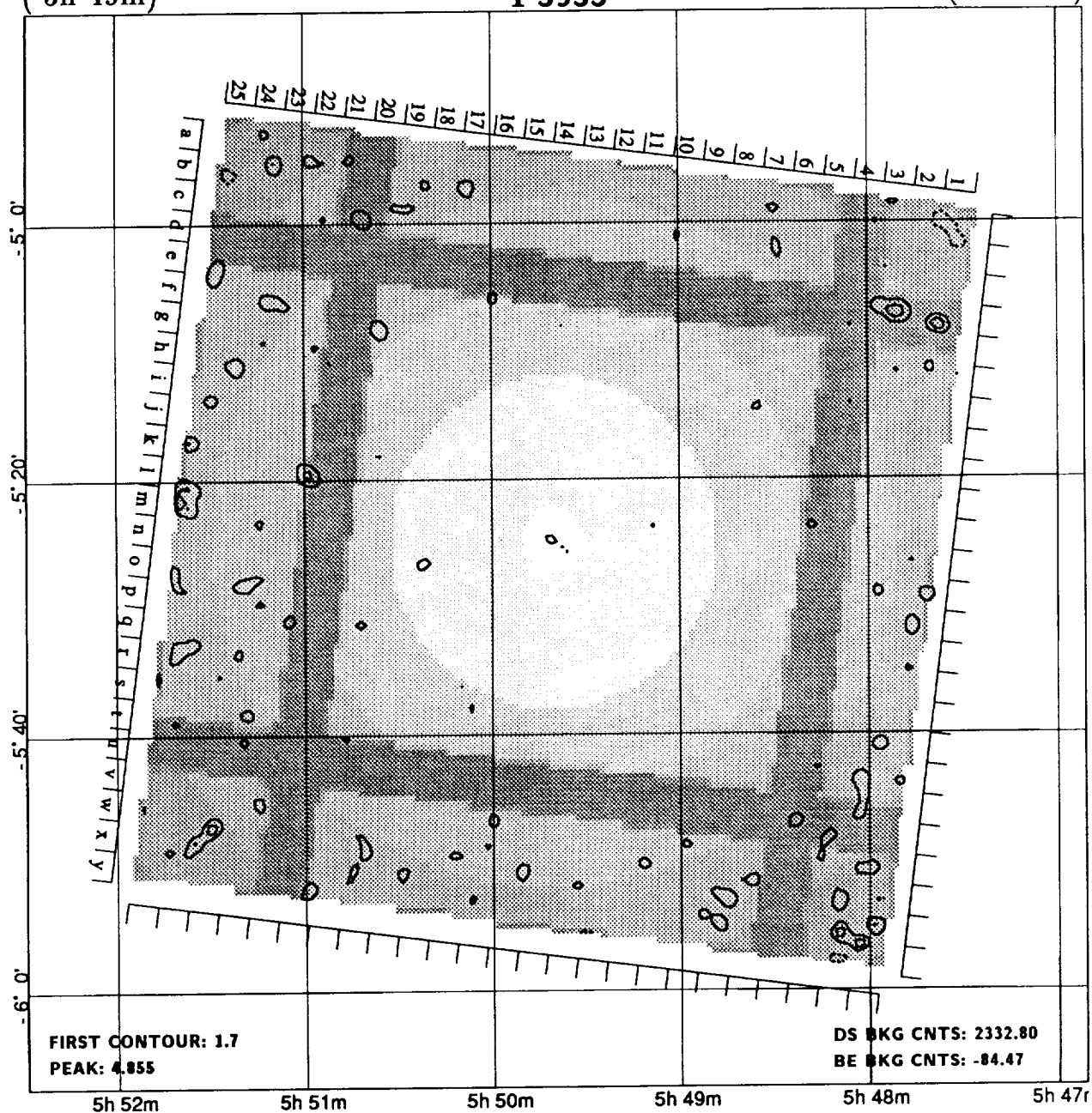
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1550	1	05 43 45.3	-68 22 40	55	*0.0418	0.0094	22.2	2.8	4.4	1.5	1408	31.5	AH	S

(5h 49m)

I 5955

(5h 49m)



CATAclysmic VARIABLES SURVEY: CN ORI

FIELD CENTER: $05^h 49^m 40.0^s$ $-05^\circ 25' 33''$ (B1950)
 $05^h 52^m 07.4^s$ $-05^\circ 24' 54''$ (J2000)
 $l: 211.02$ $b: -15.65$

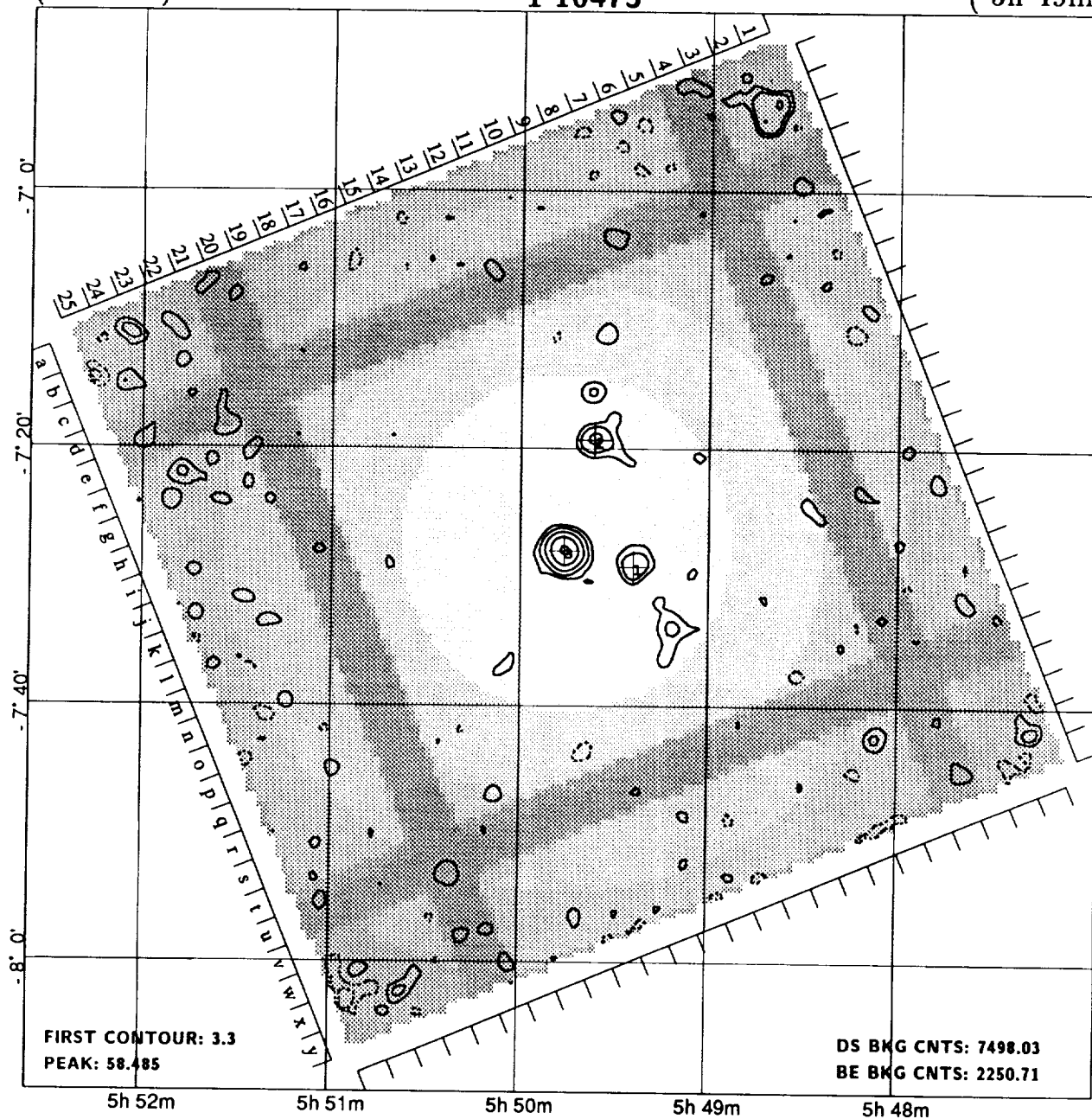
DATE: 1980/ 64 - 1980/ 64
 LIVETIME: 1890.3s
 ROLL ANGLE: 97.3°

NH: $2.0E+21$
 REF/ID:
 FIELD FLAGS:

(5h 49m)

I 10473

(5h 49m)



N2210, SEYFERT VARIABILITY

FIELD CENTER: 05^h49^m46.0^s -07°28'05" (B1950)05^h52^m11.0^s -07°27'26" (J2000)

ℓ: 212.93 b: -16.55

DATE: 1981/ 98 - 1981/ 98

LIVETIME: 6075.9s

ROLL ANGLE: 67.7°

NH: 1.8E+21

REF/ID:

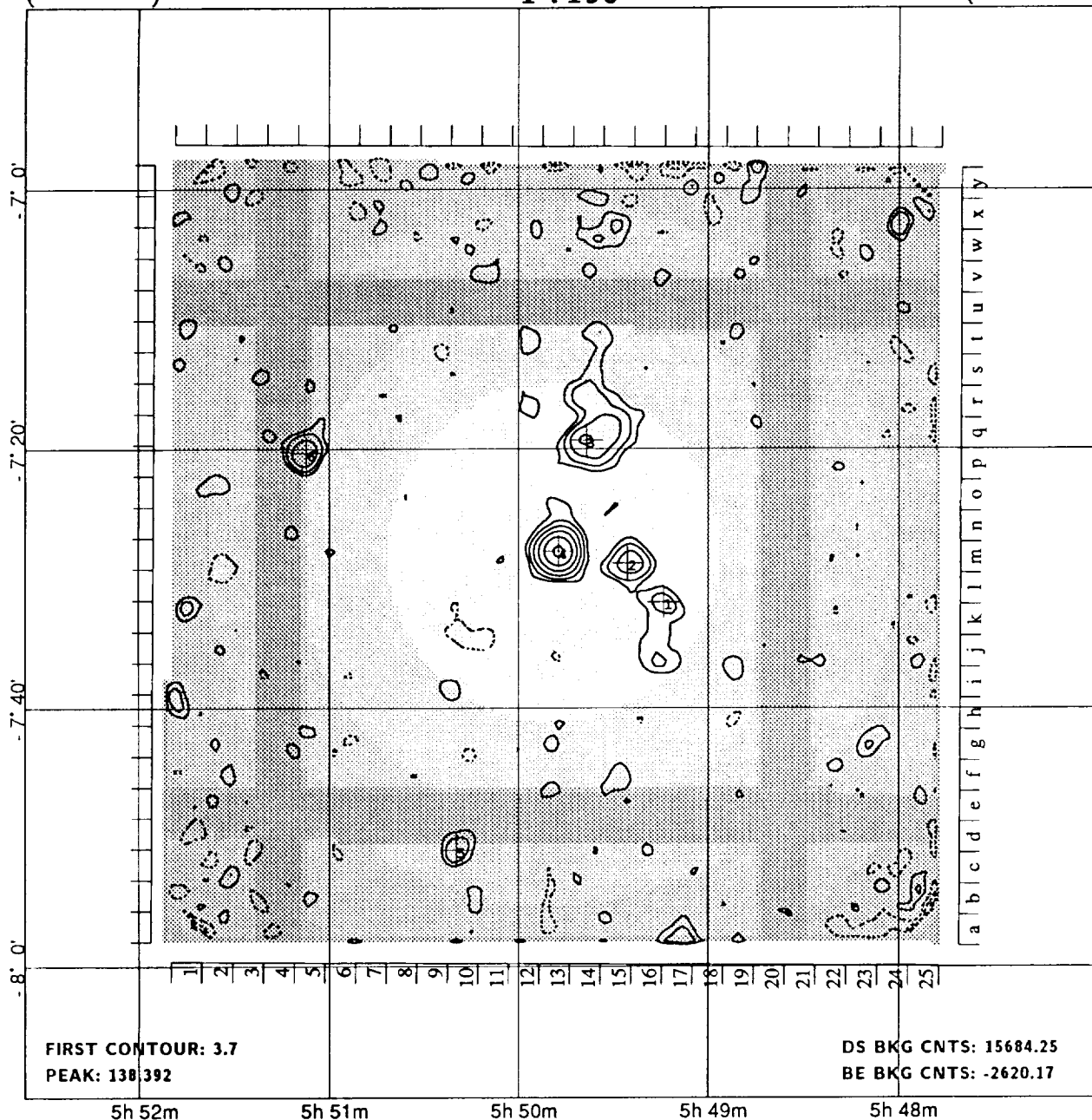
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1576	1L	05 49 24.0	-07 29 10	41	0.0144	0.0024	62.0	19.0	5.8	0.9	0	5.6	A	
1578	2L	05 49 36.6	-07 19 21	41	0.0137	0.0027	56.9	30.1	5.0	1.0	0	9.0	A	
1579	3L	05 49 46.0	-07 27 55	31	0.0476	0.0040	215.5	38.5	11.7	1.1	0	0.2	A	

(5h 49m)

I 7196

(5h 49m)



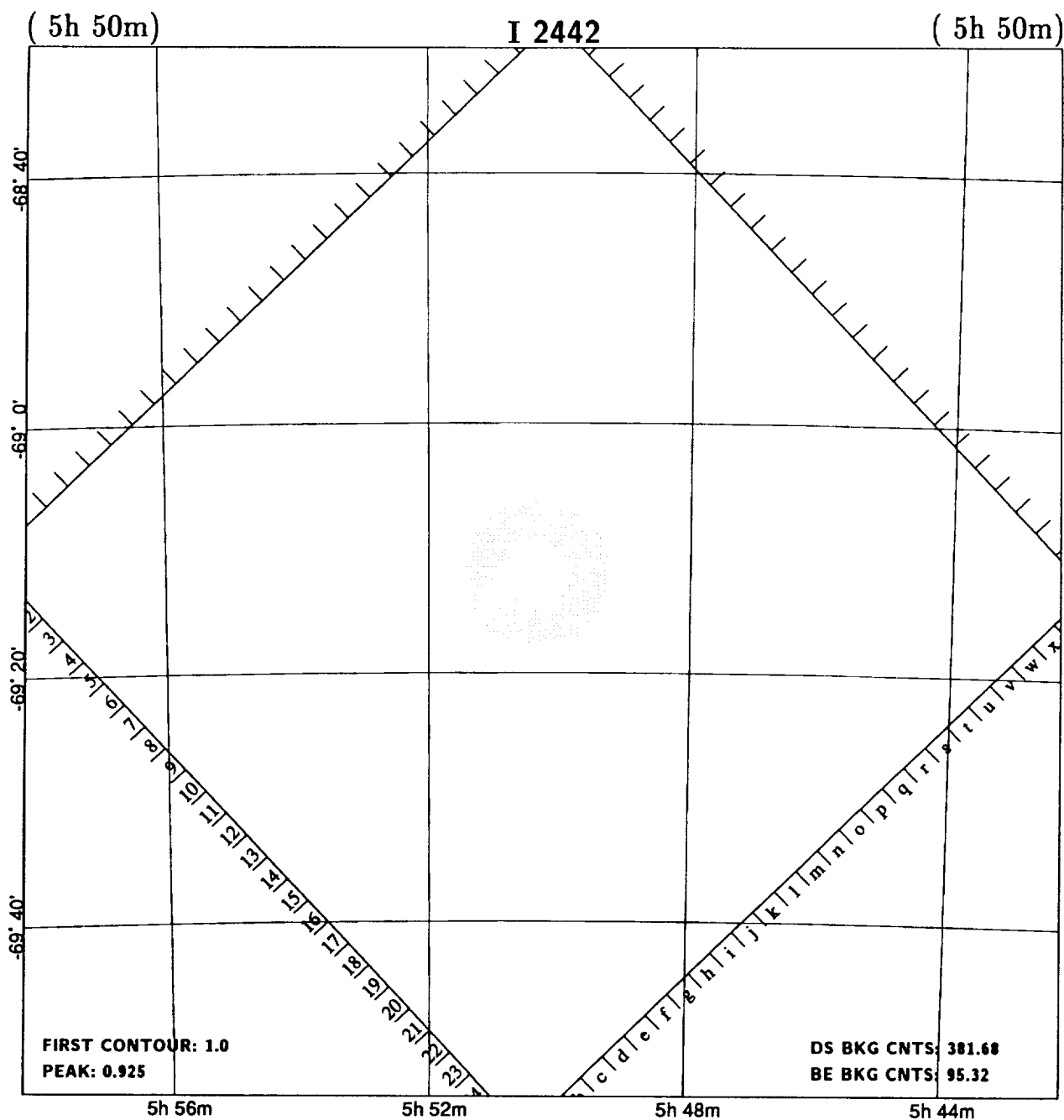
N2210, VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $05^h 49^m 46.4^s$ $-07^\circ 28' 05''$ (B1950)
 $05^h 52^m 11.4^s$ $-07^\circ 27' 26''$ (J2000)
 $l: 212.93$ $b: -16.55$

DATE: 1980/265 - 1980/265
 LIVETIME: 12709.4s
 ROLL ANGLE: -89.7°

NH: $1.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1575	1	05 49 14.0	-07 31 51	42	0.00447	0.00094	38.1	26.9	4.7	2.1	0	8.7		
1576	2	05 49 25.5	-07 28 51	38	0.0106	0.0013	95.2	32.8	8.4	1.1	0	5.2	AH	
1578	3	05 49 38.5	-07 19 20	38	0.0146	0.0014	125.2	28.8	10.1	2.7	0	8.8	AH	
1579	4	05 49 47.4	-07 27 55	31	0.0560	0.0025	531.4	29.6	22.4	1.1	0	0.4	AH	
1580	5	05 50 19.7	-07 50 59	53	*0.0056	0.0013	31.4	18.6	4.4	0.8	703	24.3	H	
1582	6	05 51 07.2	-07 20 17	50	*0.0121	0.0015	76.5	15.5	8.0	1.0	906	21.6	H	

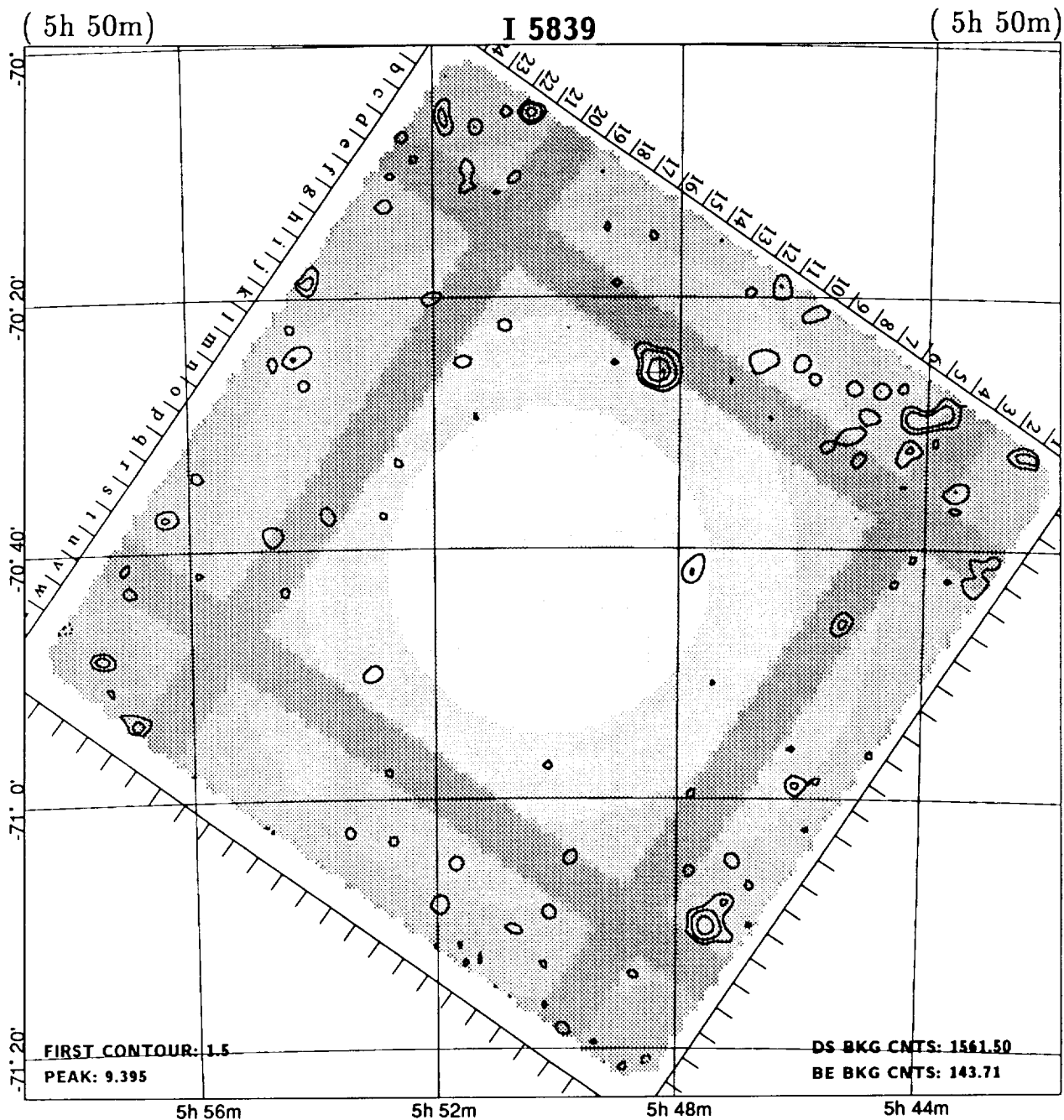


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 50^m 14.4^s$ $-69^\circ 11' 59''$ (B1950)
 $05^h 49^m 52.4^s$ $-69^\circ 11' 15''$ (J2000)
 $l: 279.46$ $b: -30.67$

DATE: 1979/205 - 1979/205
LIVETIME: 309.3s
ROLL ANGLE: -43.7°

NH: $7.2E+20$
REF/ID:
FIELD FLAGS:



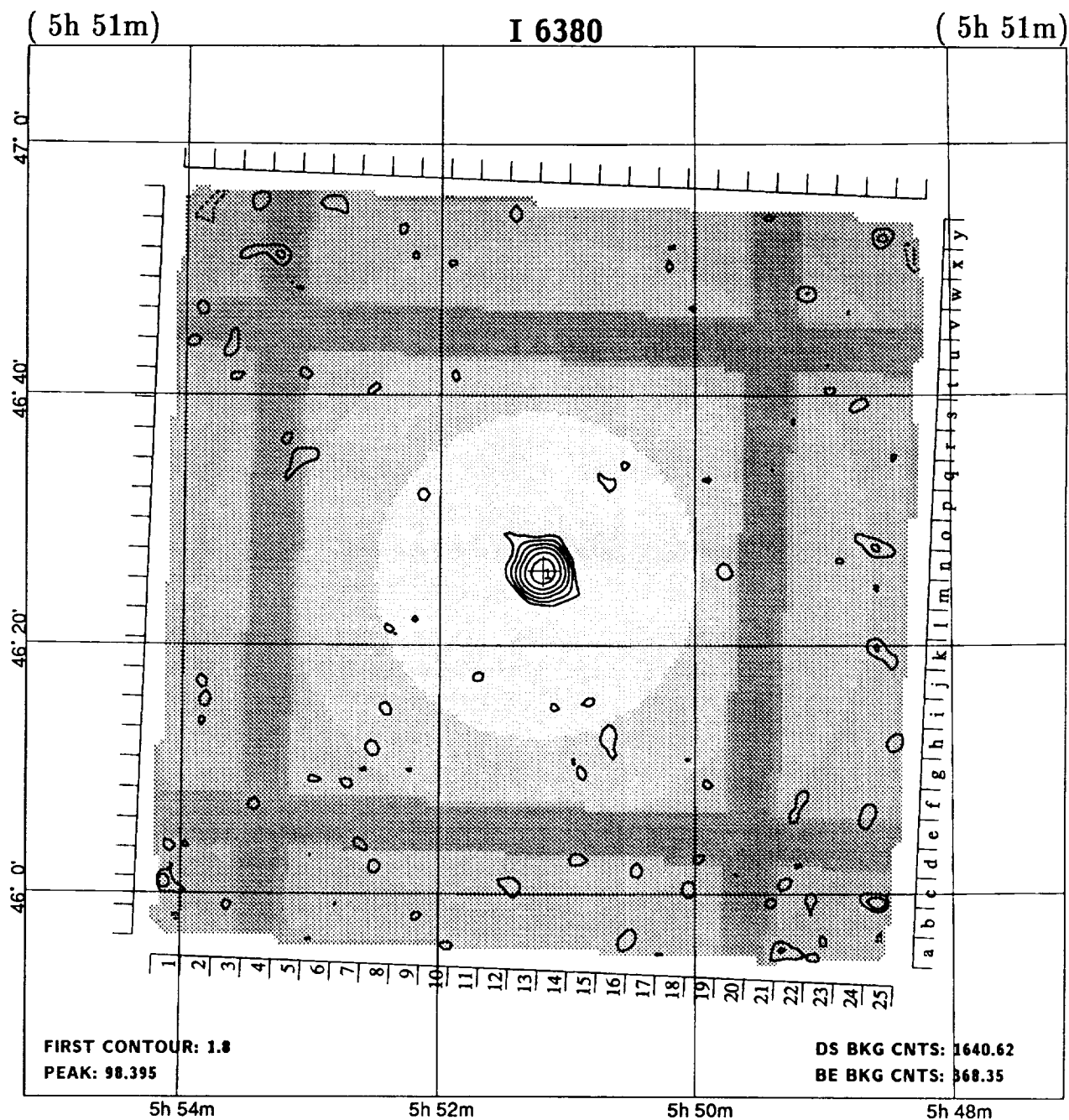
LMC SURVEY:

FIELD CENTER: $05^h 50^m 15.0^s$ $-70^\circ 41' 59''$ (B1950)
 $05^h 49^m 38.1^s$ $-70^\circ 41' 15''$ (J2000)
 ℓ : 281.20 b : -30.58

DATE: 1980/ 43 - 1980/ 43
 LIVETIME: 1265.3s
 ROLL ANGLE: 124.8°

NH: 7.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1573	1	05 48 20.2	-70 26 01	51	*0.0463	0.0085	31.7	2.3	5.4	1.0	805	18.8	AH	SNR



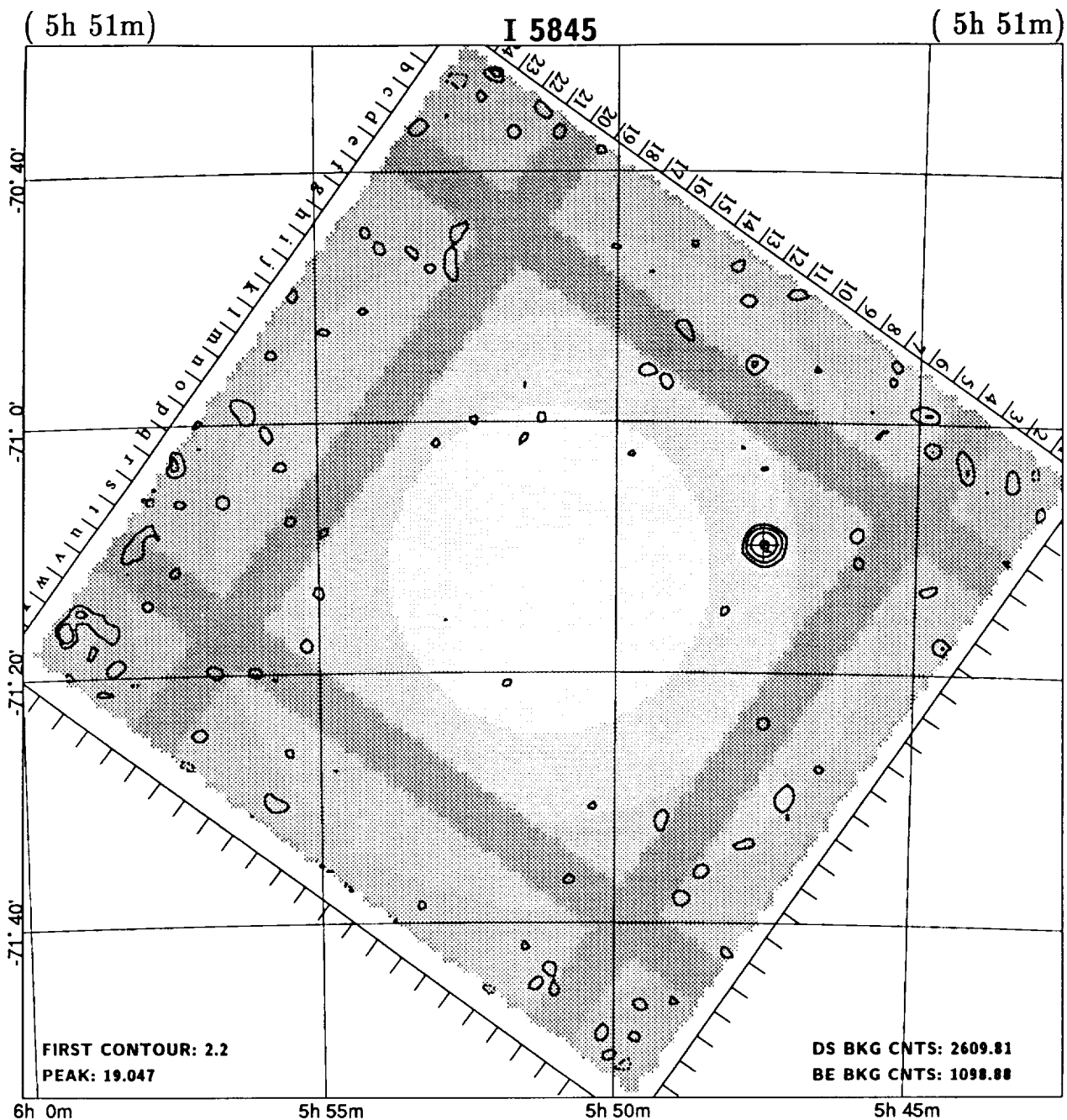
MCG 8-11-11, SEYFERT VARIABILITY STUDY

FIELD CENTER: 05^h51^m09.9^s 46°25'54" (B1950)
05^h54^m53.8^s 46°26'25" (J2000)
 l : 165.73 b : 10.41

DATE: 1980/277 - 1980/277
LIVETIME: 1329.4s
ROLL ANGLE: -87.7°

NH: 2.1E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1583	1	05 51 11.5	46 25 59	31	0.431	0.021	426.9	5.1	20.5	1.2	0	0.4	H	SY



LMC SURVEY:

FIELD CENTER: $05^h 51^m 15.0^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 50^m 32.6^s$ $-71^\circ 11' 19''$ (J2000)
 $l: 281.77$ $b: -30.46$

DATE: 1980/ 42 - 1980/ 42
 LIVETIME: 2114.8s
 ROLL ANGLE: 125.5°

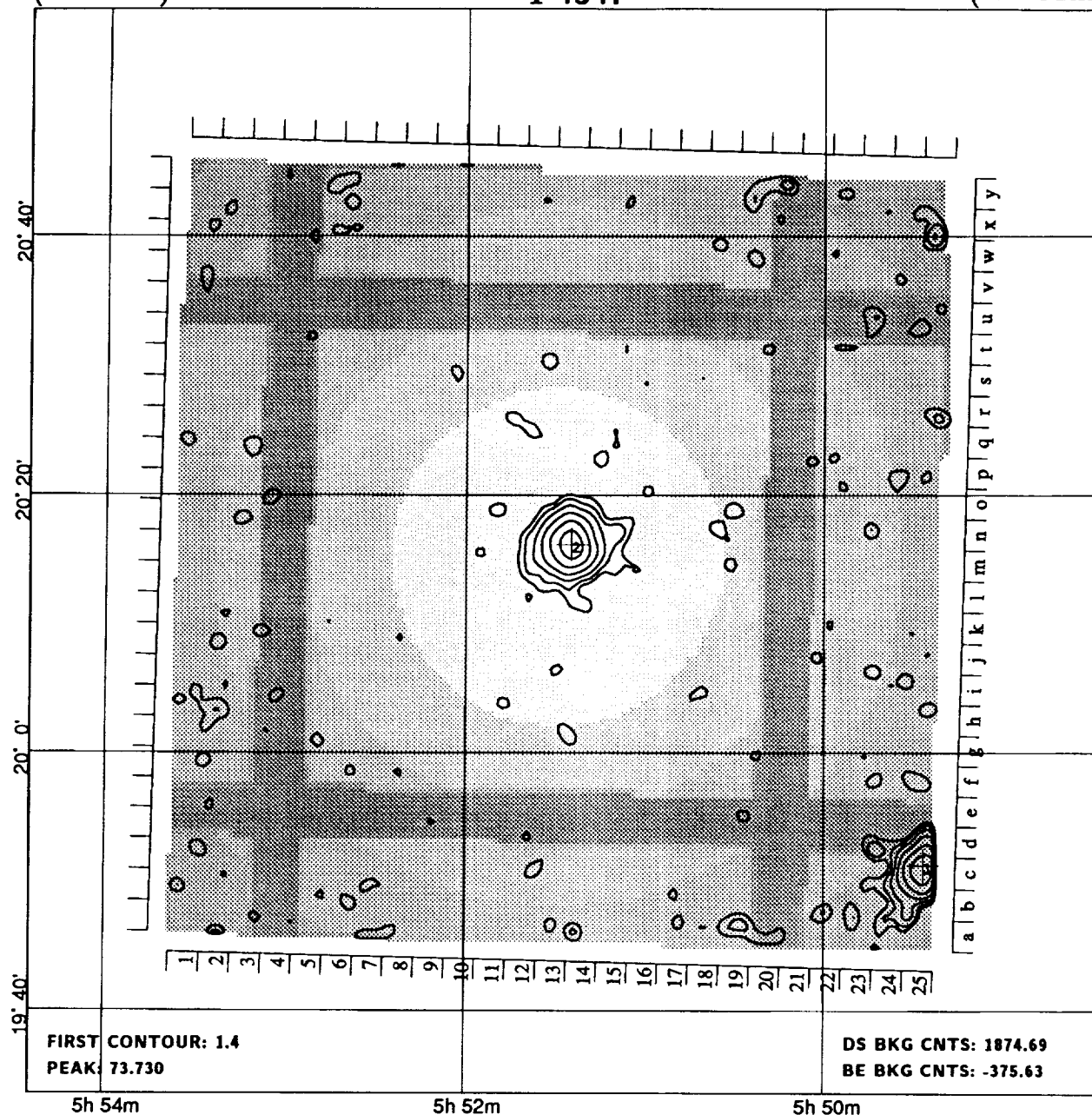
NH: $7.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1569	1	05 47 32.5	-71 09 47	50	0.0439	0.0066	51.4	7.6	6.7	0.9	0	17.9	AH	*

(5h 51m)

I 4347

(5h 51m)



XI ORI, CORONAL ACTIVITY OF F,G,K STARS

FIELD CENTER: $05^h 51^m 26.4^s$ $20^\circ 15' 35''$ (B1950)
 $05^h 54^m 24.8^s$ $20^\circ 16' 06''$ (J2000)
 $l: 188.47$ $b: -2.73$

DATE: 1979/253 - 1979/253
 LIVETIME: 1519.1s
 ROLL ANGLE: -88.6°

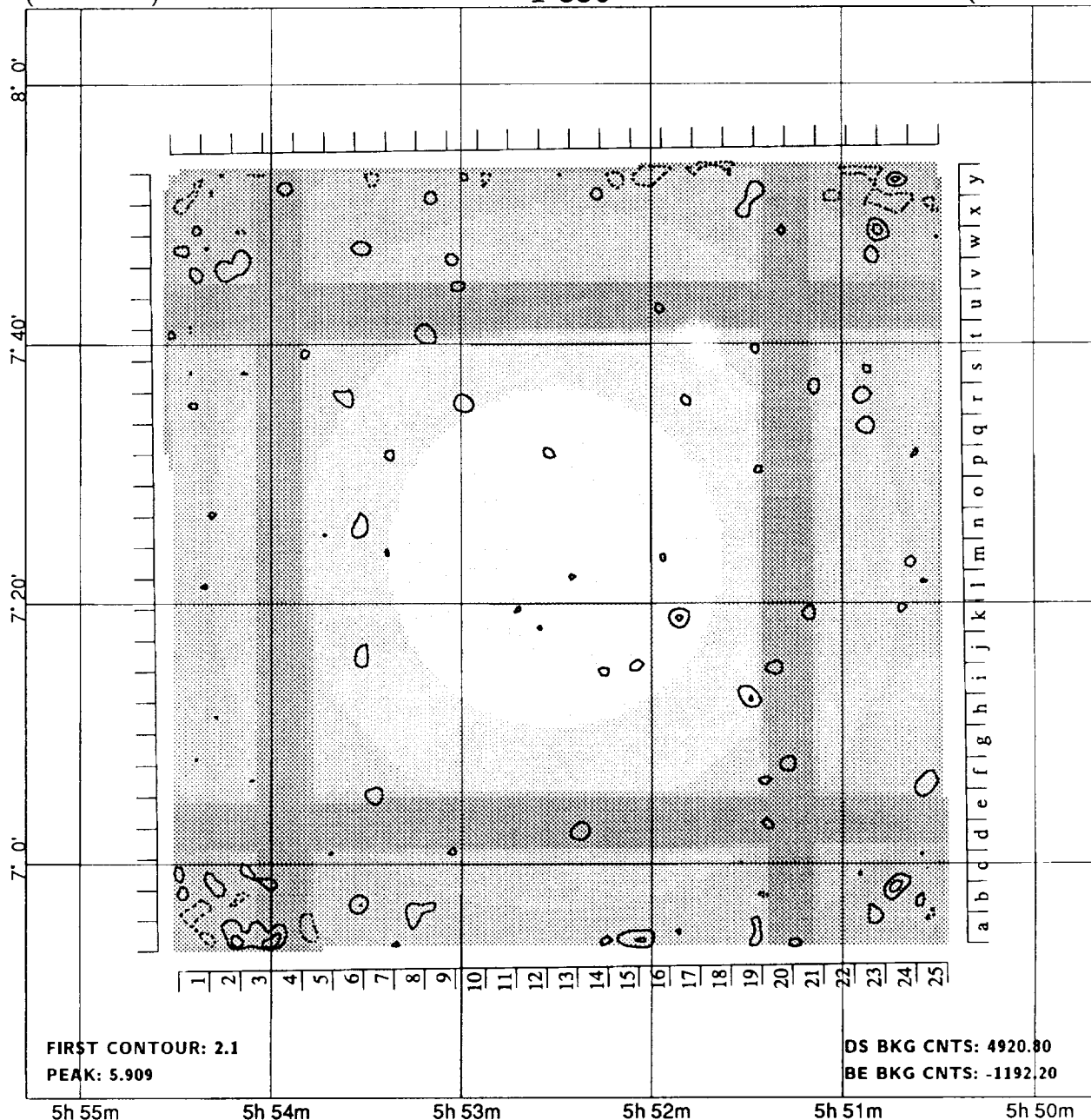
NH: $5.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1577	1	05 49 26.7	19 51 09	48	*0.429	0.040	119.3	1.7	10.8	1.4	1105	37.1	EH	
1584	2	05 51 24.7	20 16 12	31	0.272	0.016	306.5	3.5	17.4	1.7	0	0.8	H	S

(5h 52m)

I 856

(5h 52m)



ALPHA ORI (BETELGEUSE) STELLAR OBSERVATIONS, M STARS

FIELD CENTER: $05^h 52^m 27.8^s$ $07^\circ 23' 57''$ (B1950)
 $05^h 55^m 10.2^s$ $07^\circ 24' 25''$ (J2000)
 ℓ : 199.79 b : -8.96

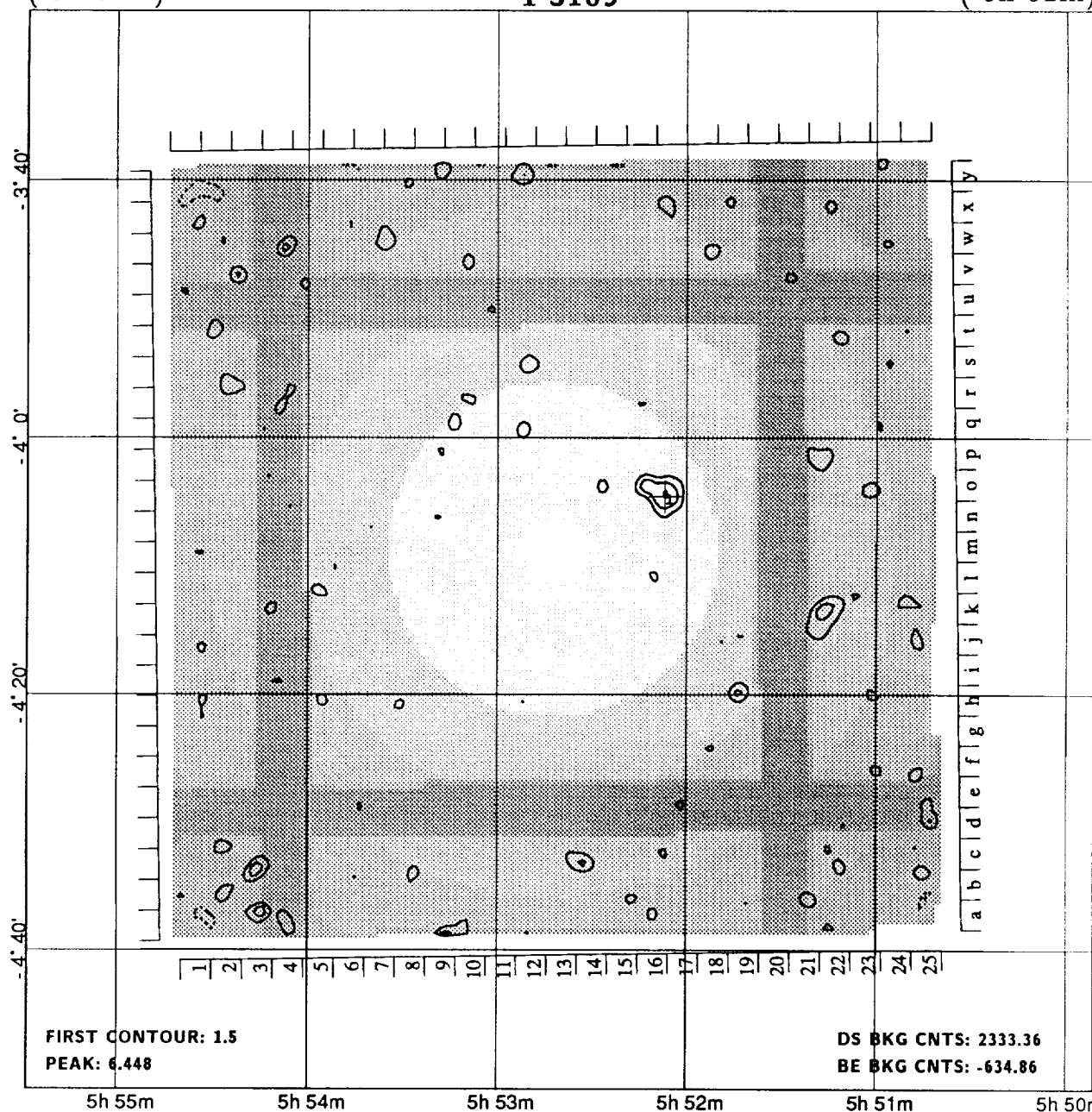
DATE: 1979/268 - 1979/269
 LIVETIME: 3987.5s
 ROLL ANGLE: -90.6°

NH: $3.0E+21$
 REF/ID:
 FIELD FLAGS:

(5h 52m)

I 3109

(5h 52m)



COHERENT SAMPLING OF NEARBY STARS: LP658-2

FIELD CENTER: $05^h 52^m 39.8^s$ $-04^\circ 08' 45''$ (B1950)
 $05^h 55^m 08.7^s$ $-04^\circ 08' 18''$ (J2000)
 ℓ : 210.19 b : -14.40

DATE: 1979/268 - 1979/268
 LIVETIME: 1890.8s
 ROLL ANGLE: -90.9°

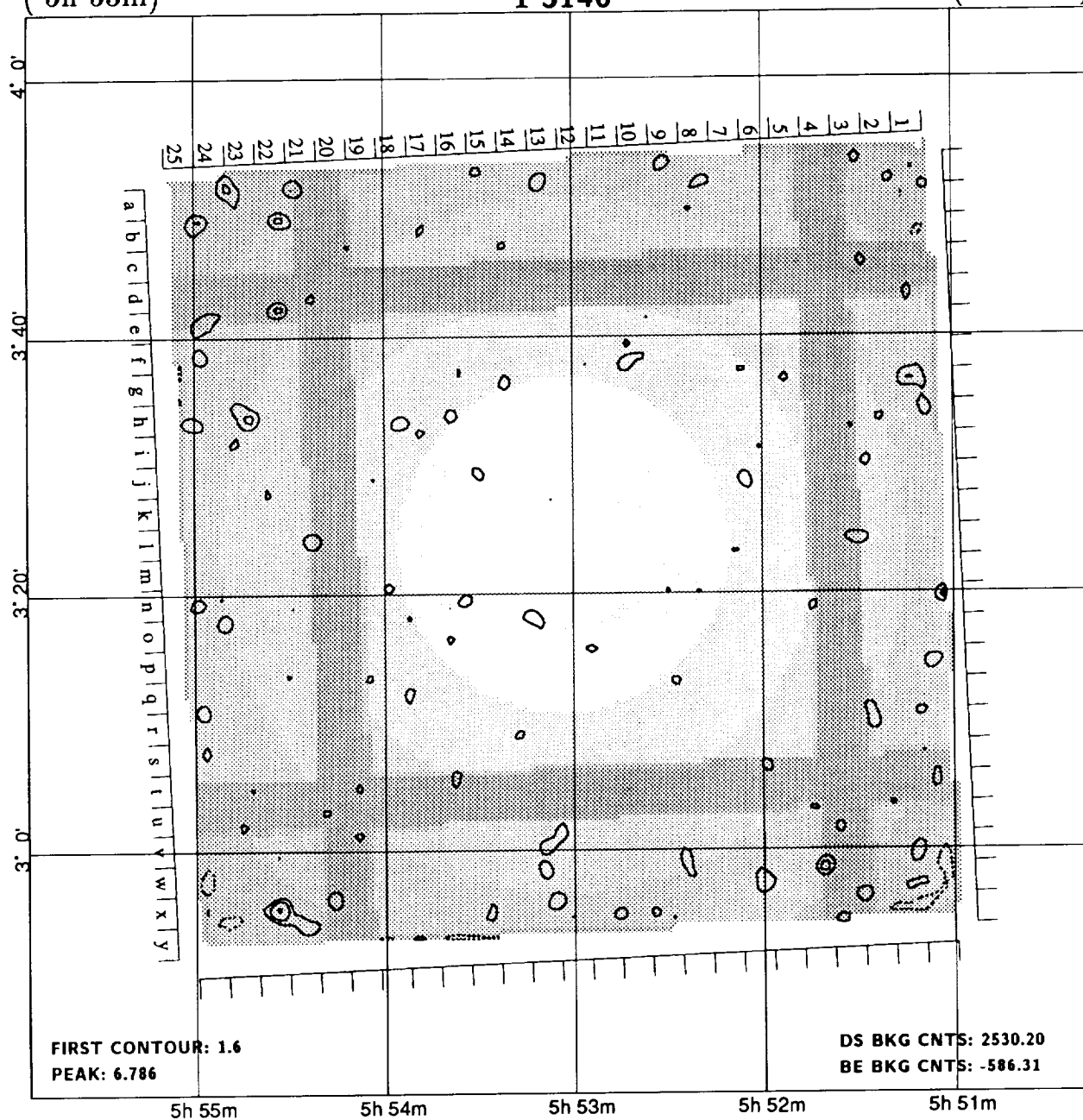
NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1586	1	05 52 06.9	-04 04 30	43	0.0170	0.0039	21.6	3.4	4.3	1.0	0	9.0	H

(5h 53m)

I 3146

(5h 53m)

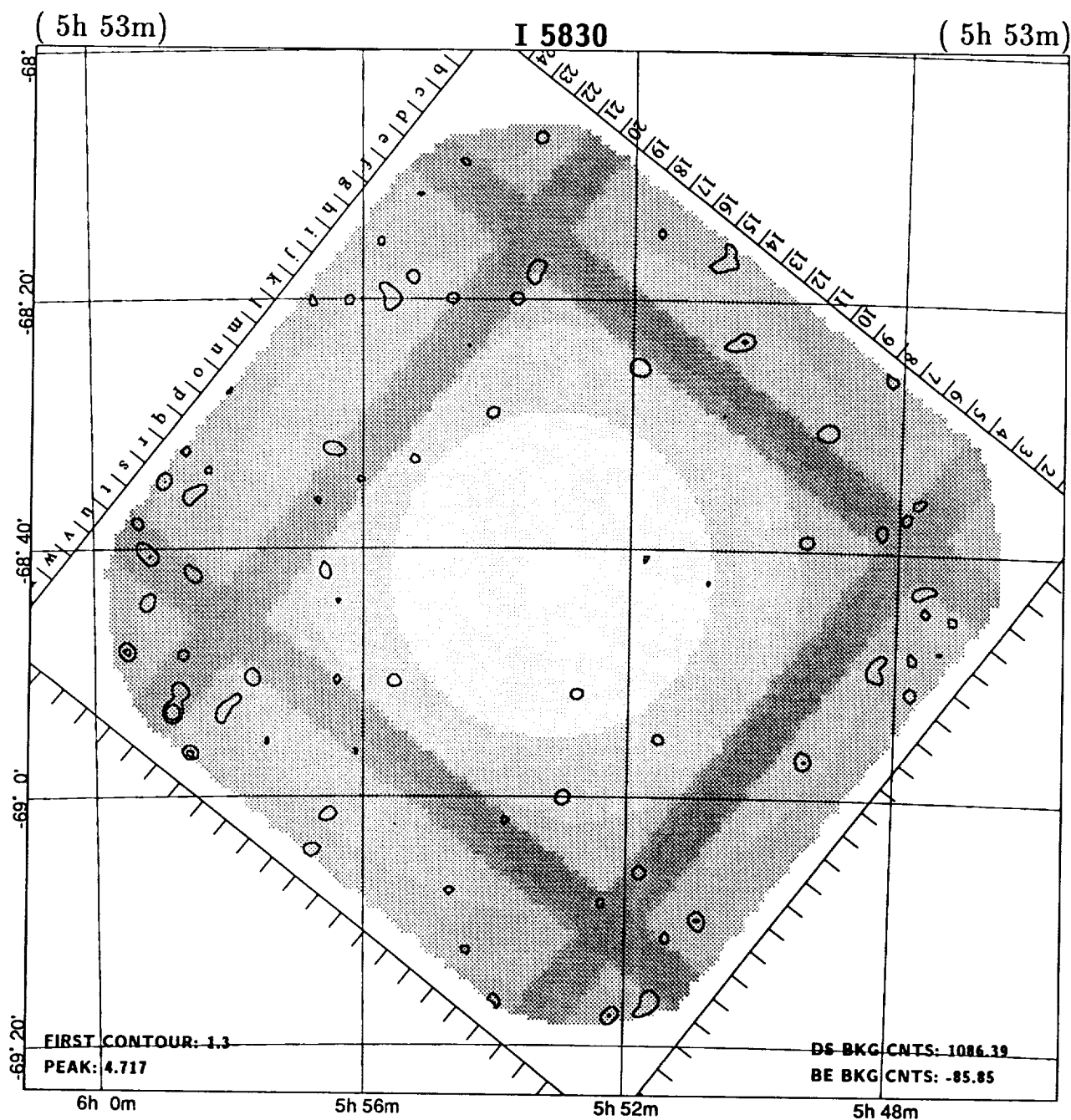


II ZW 40: RING GALAXIES SURVEY

FIELD CENTER: $05^h 53^m 04.7^s$ $03^\circ 23' 08''$ (B1950)
 $05^h 55^m 42.4^s$ $03^\circ 23' 33''$ (J2000)
 $l: 203.42$ $b: -10.77$

DATE: 1979/ 86 - 1979/ 86
 LIVETIME: 2050.3s
 ROLL ANGLE: 87.7°

NH: $2.5E+21$
 REF/ID:
 FIELD FLAGS:

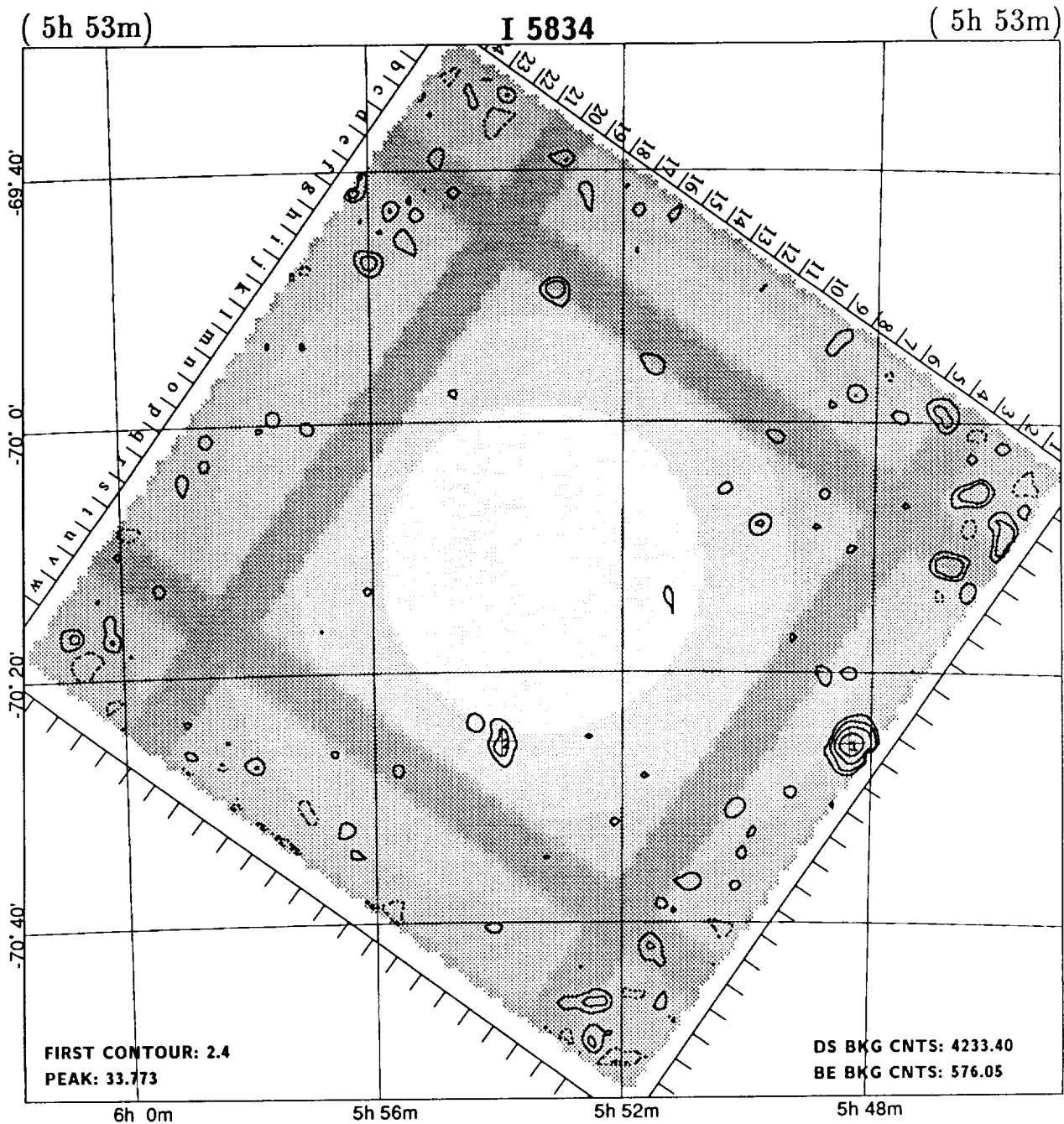


LMC SURVEY:

FIELD CENTER: $05^h 53^m 14.0^s$ $-68^\circ 41' 59''$ (B1950)
 $05^h 52^m 56.4^s$ $-68^\circ 41' 29''$ (J2000)
 $l: 278.87$ $b: -30.43$

DATE: 1980/ 40 - 1980/ 40
 LIVETIME: 880.3s
 ROLL ANGLE: 128.1°

NH: $7.0E+20$
 REF/ID:
 FIELD FLAGS:



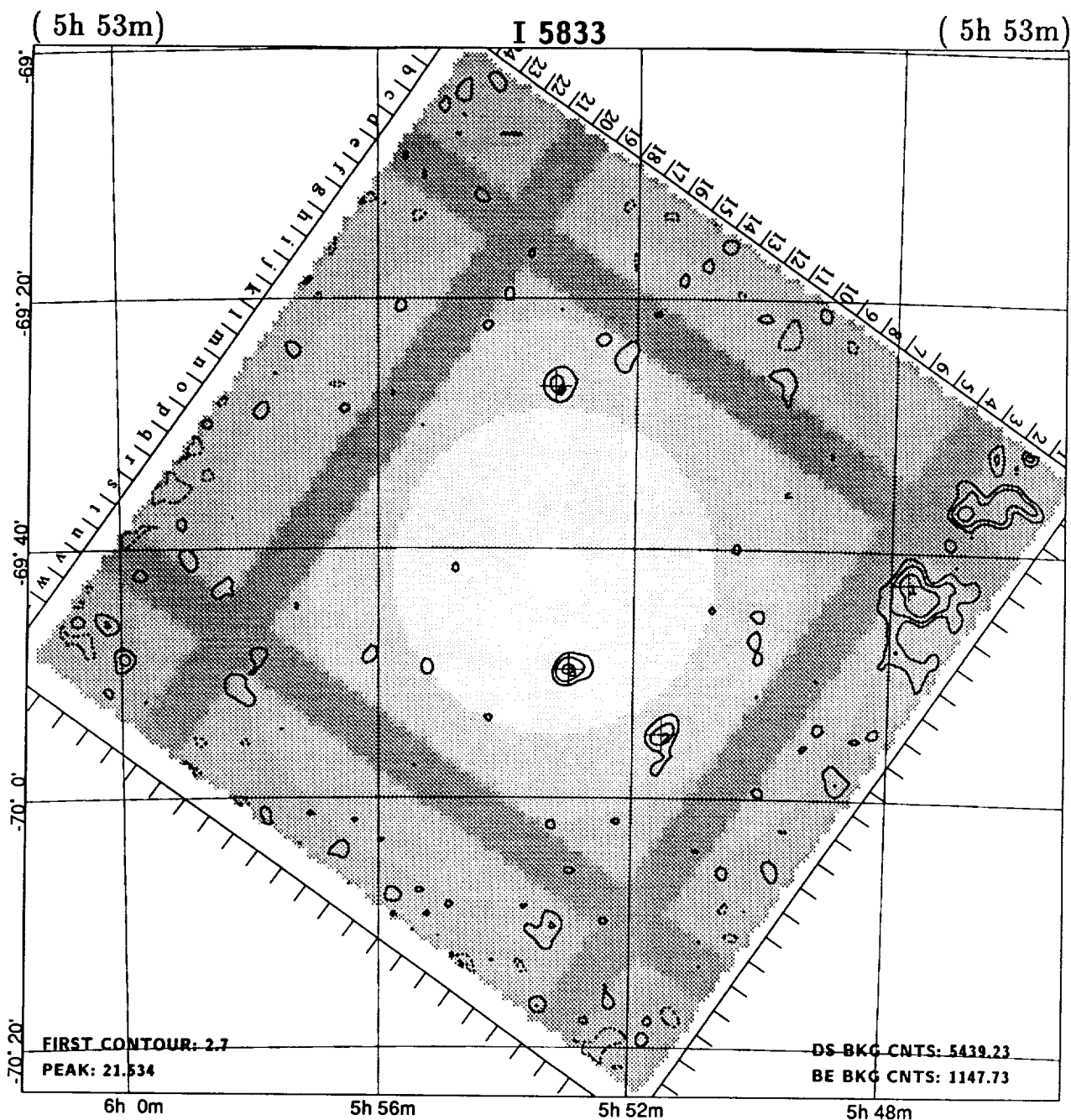
LMC SURVEY:

FIELD CENTER: $05^h 53^m 18.0^s$ $-70^\circ 11' 59''$ (B1950)
 $05^h 52^m 46.2^s$ $-70^\circ 11' 28''$ (J2000)
 $l: 280.60$ $b: -30.36$

DATE: 1980/ 43 - 1980/ 43
LIVETIME: 3430.4s
ROLL ANGLE: 125.5°

NH: $7.1E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1573	1	05 48 20.8	-70 25 35	50	0.0495	0.0066	62.8	7.2	7.5	1.1	200	28.2	AH	SNR
1591	2	05 53 57.0	-70 25 23	45	0.0101	0.0027	20.9	11.1	3.7	0.9	0	13.4	H	

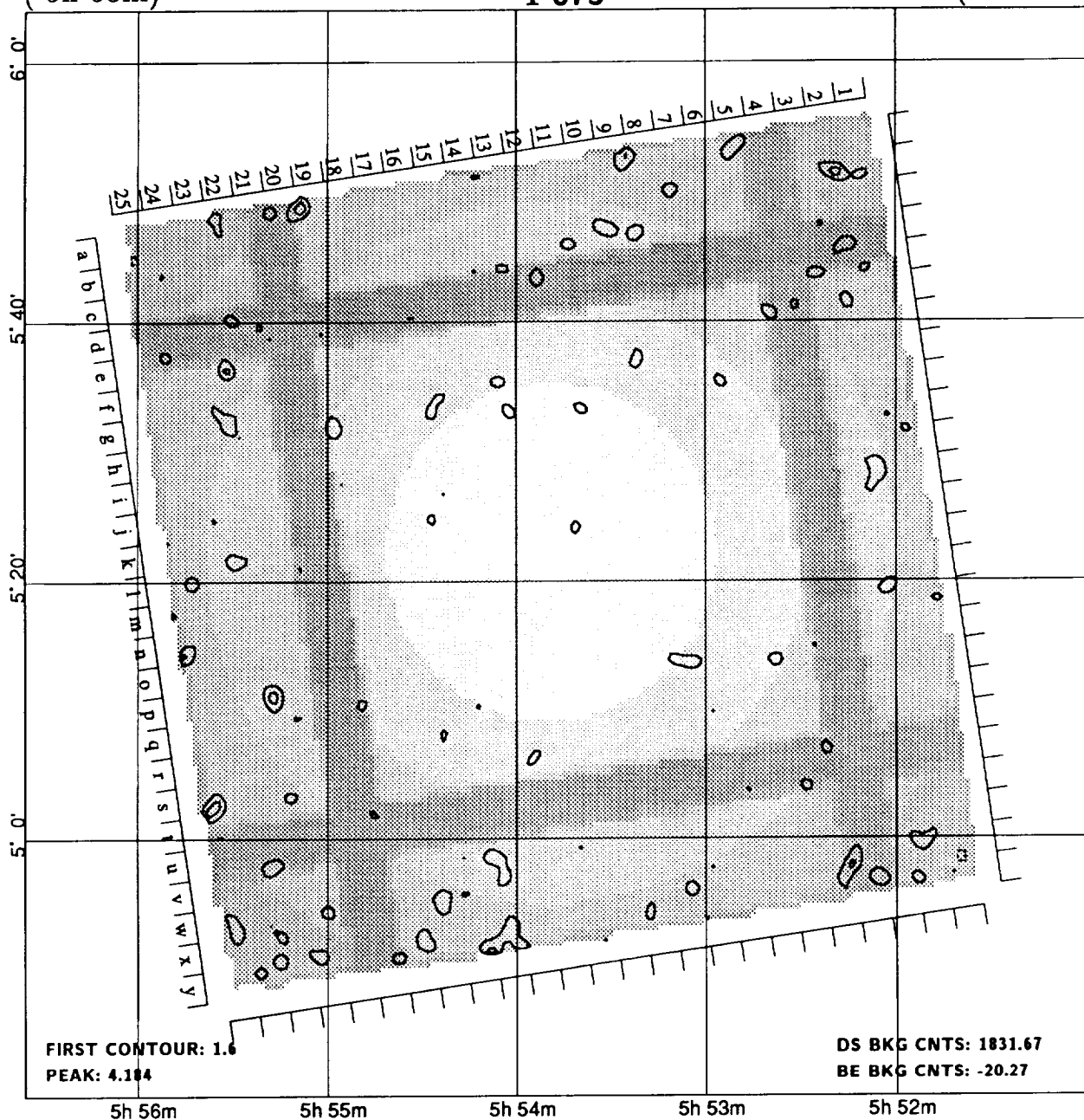


CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1570	1	05 47 43.9	-69 42 31	51	*0.0225	0.0042	36.6	10.4	5.3	2.7	803	29.2	H	SNR
1585	2	05 51 32.4	-69 54 52	53	0.0105	0.0024	26.7	12.3	4.3	0.8	0	15.9	H	*
1587	3	05 53 00.9	-69 49 41	41	0.0133	0.0025	40.1	15.9	5.4	0.8	0	7.8	H	*
1589	4	05 53 15.4	-69 26 59	47	0.0079	0.0022	20.6	13.4	3.5	0.9	0	14.3	H	*

(5h 53m)

I 873

(5h 53m)



GR 290 (G99-47) STELLAR OBSERVATIONS, WHITE DWARFS

FIELD CENTER: $05^{\text{h}}53^{\text{m}}47.0^{\text{s}}$ $05^{\circ}21'59''$ (B1950)
 $05^{\text{h}}56^{\text{m}}27.0^{\text{s}}$ $05^{\circ}22'21''$ (J2000)
 l : 201.75 b : -9.66

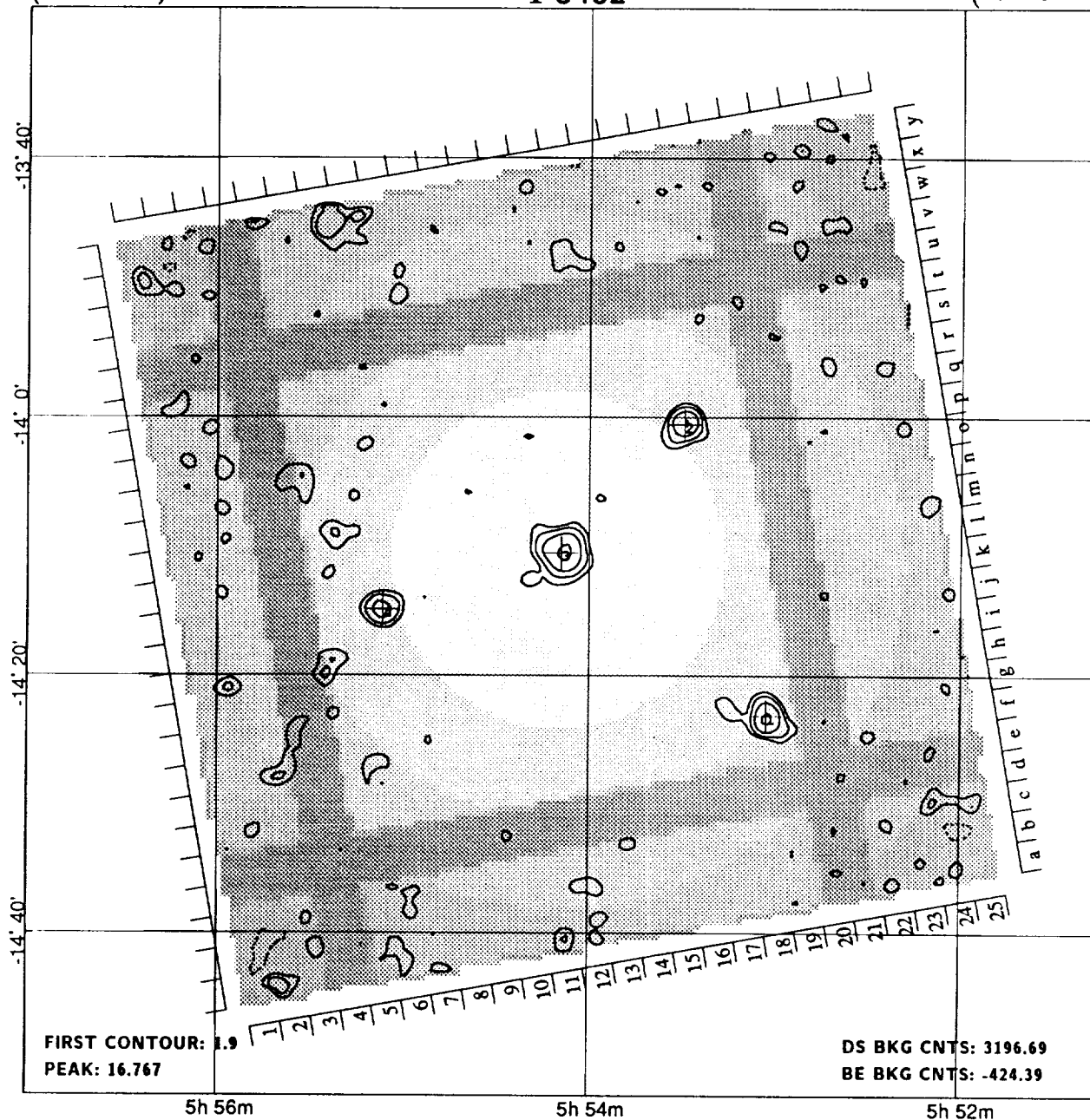
DATE: 1979/ 88 - 1979/ 88
 LIVETIME: 1484.2s
 ROLL ANGLE: 81.6°

NH: $2.8\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(5h 54m)

I 5482

(5h 54m)



FIELD CENTER: 05^h54^m07.6^s -14°10'31" (B1950)
 05^h56^m24.5^s -14°10'11" (J2000)
 l : 219.76 b : -18.47

DATE: 1980/282 - 1980/282
 LIVETIME: 2590.4s
 ROLL ANGLE: -100.0°

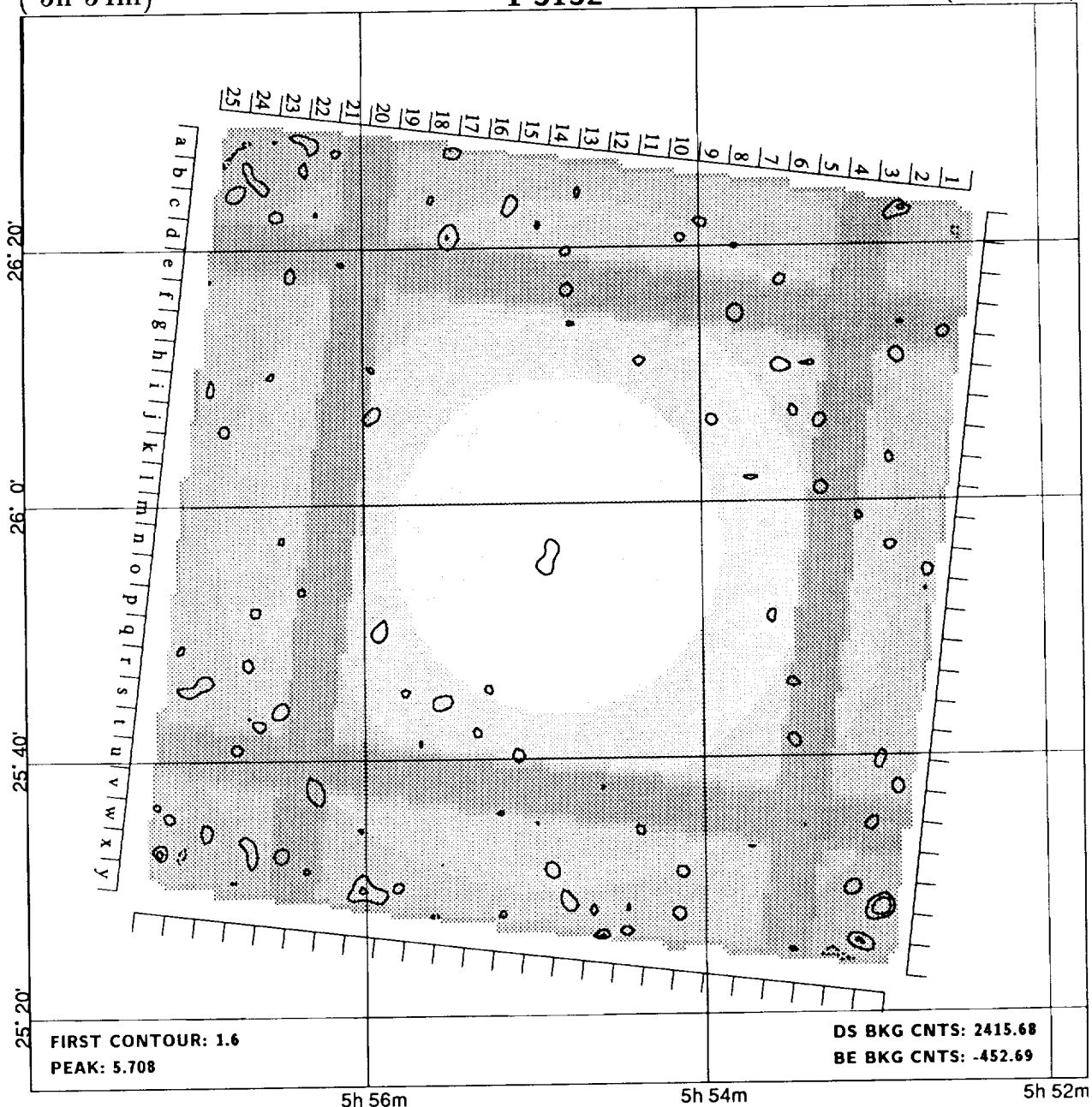
NH: 1.5E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1588	1	05 53 02.5	-14 23 09	50	0.0310	0.0052	40.7	5.3	6.0	1.1	0	20.1	H	
1590	2	05 53 29.4	-14 00 34	41	0.0287	0.0045	44.8	5.2	6.3	0.9	0	13.6	H	
1592	3	05 54 09.0	-14 10 30	32	0.0423	0.0049	81.7	6.3	8.7	1.4	0	0.4	H	
1594	4	05 55 06.7	-14 14 51	42	0.0186	0.0038	29.1	5.9	4.9	0.9	0	14.9	H	

(5h 54m)

I 3132

(5h 54m)



CORONAL EMISSION FROM OB SUPERGIANTS: 139 TAU

FIELD CENTER: $05^h 54^m 53.0^s$ $25^\circ 56' 29''$ (B1950)
 $05^h 57^m 59.2^s$ $25^\circ 56' 45''$ (J2000)
 $l: 183.97$ $b: 0.83$

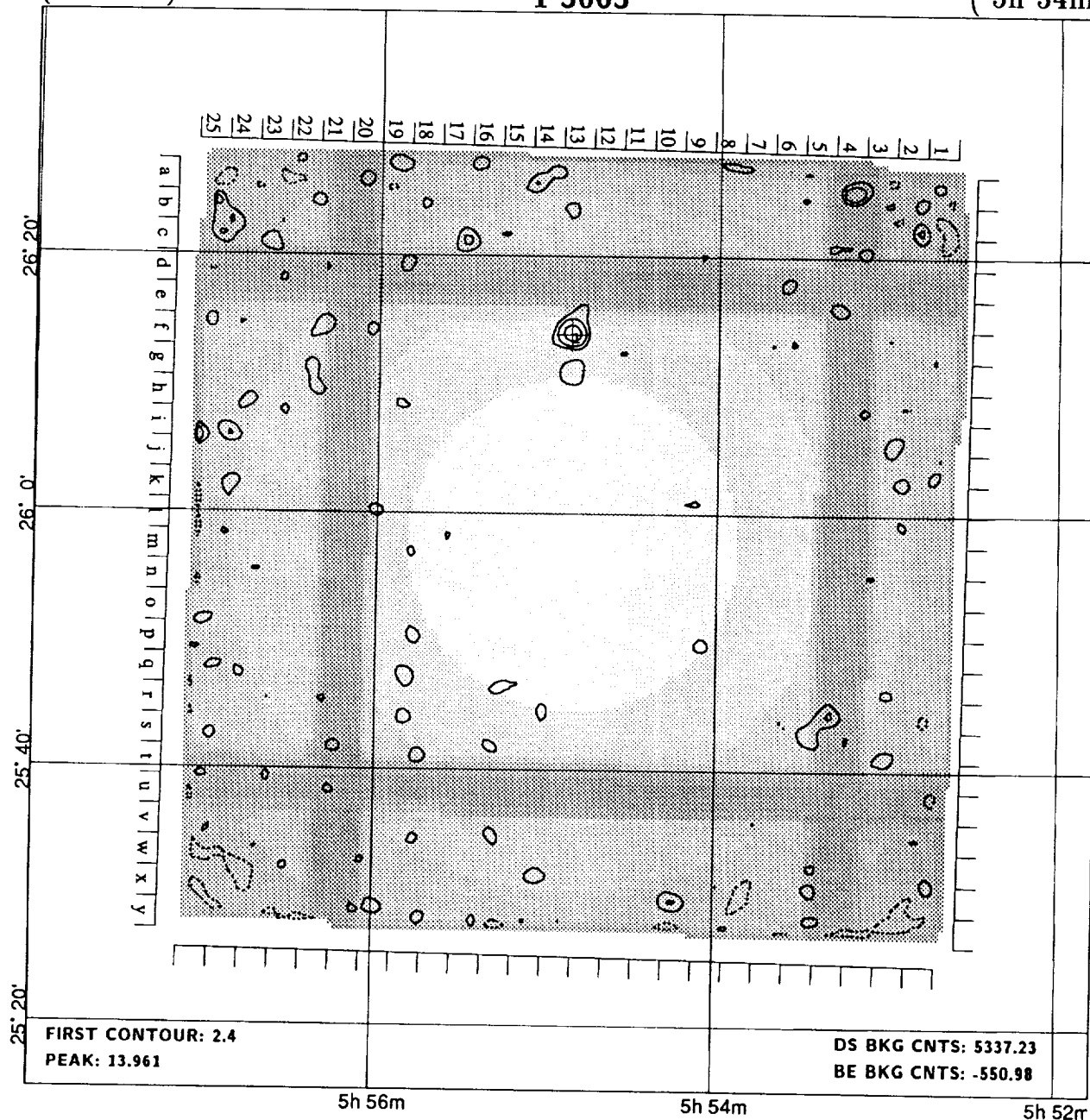
DATE: 1979/ 86 - 1979/ 86
 LIVETIME: 1957.5s
 ROLL ANGLE: 96.7°

NH: $4.8E+21$
 REF/ID:
 FIELD FLAGS:

(5h 54m)

I 5065

(5h 54m)



139 TAU, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: 05^h54^m53.4^s 25°56'58" (B1950)
05^h57^m59.6^s 25°57'14" (J2000)
 ℓ : 183.97 b : 0.84

DATE: 1980/ 91 - 1980/ 92

NH: 4.8E+21

LIVETIME: 4480.2s

REF/ID:

ROLL ANGLE: 91.0°

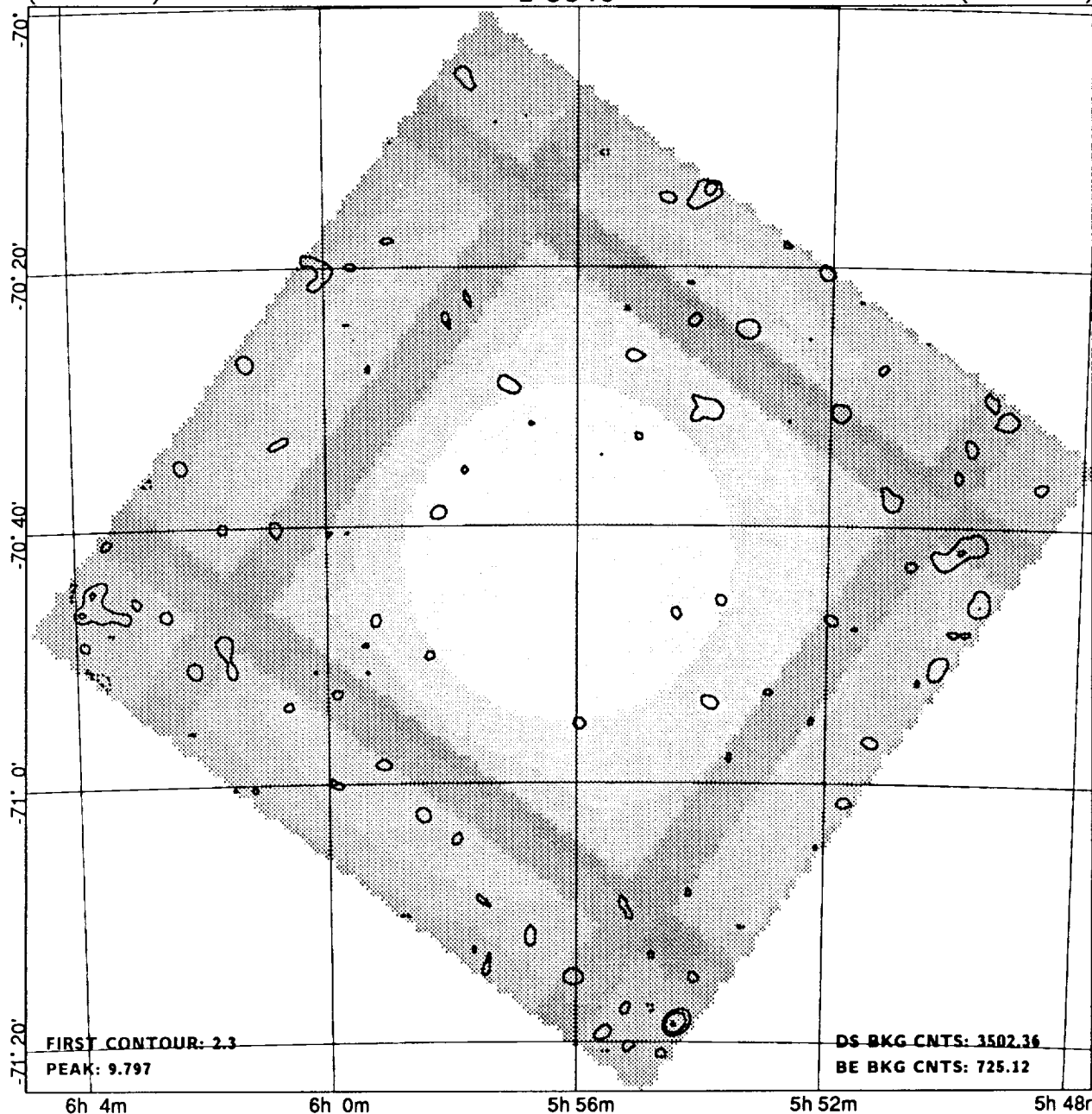
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1593	1	05 54 52.1	26 13 56	50	0.0135	0.0026	34.4	8.6	5.2	0.8	400	17.2	H

(5h 56m)

I 5840

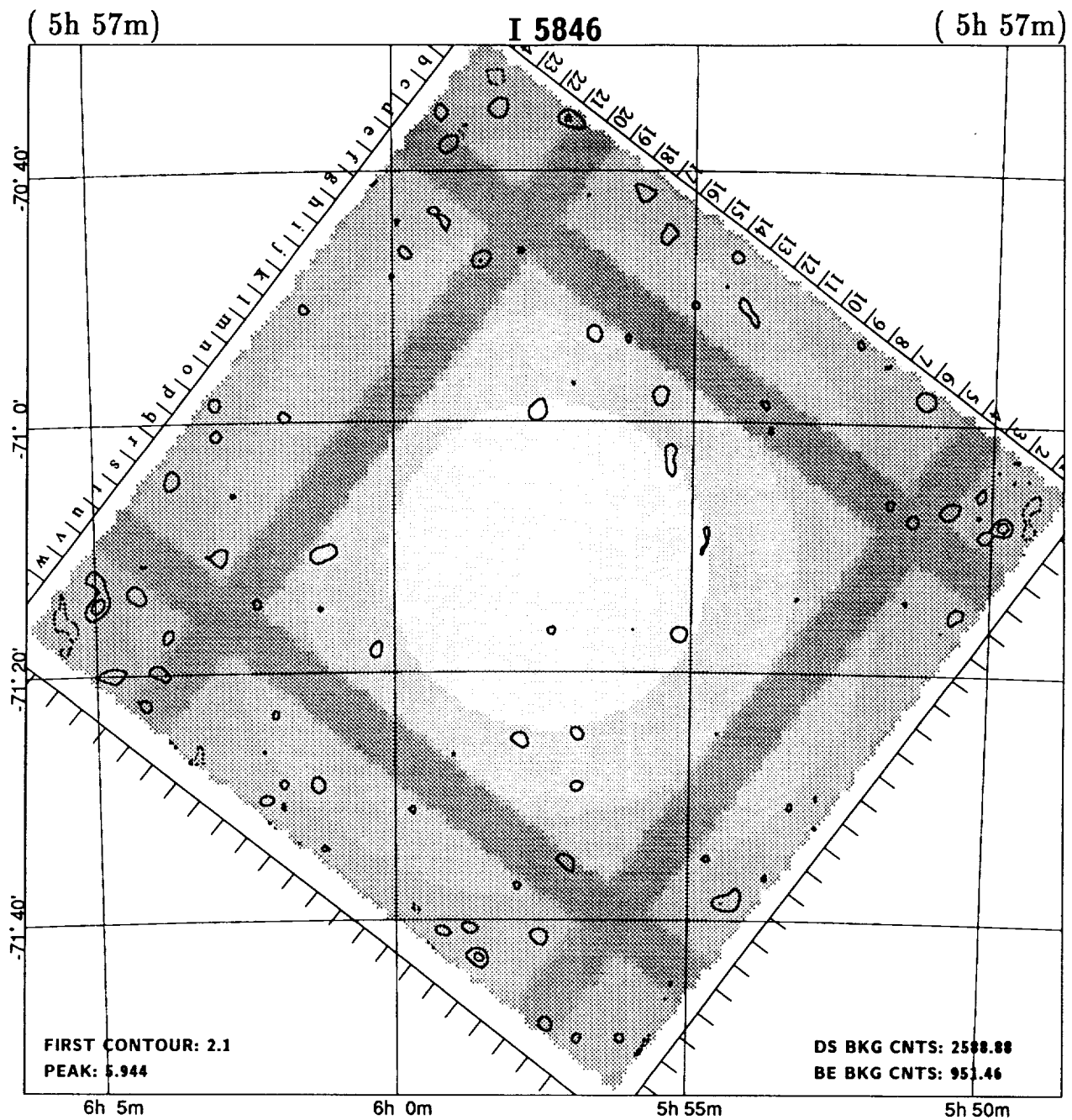
(5h 56m)



FIELD CENTER: $05^h 56^m 18.0^s$ $-70^\circ 41' 59''$ (B1950)
 $05^h 55^m 40.9^s$ $-70^\circ 41' 41''$ (J2000)
 $l: 201.17$ $b: -30.08$

DATE: 1980/ 43 - 1980/ 43
LIVETIME: 2838.1s

NH: $7.1E+20$
REF/ID:
FIELD FLAGS:



LMC SURVEY:

FIELD CENTER: $05^h 57^m 27.0^s$ $-71^\circ 11' 59''$ (B1950)
 $05^h 56^m 44.4^s$ $-71^\circ 11' 46''$ (J2000)
 $l: 281.74$ $b: -29.96$

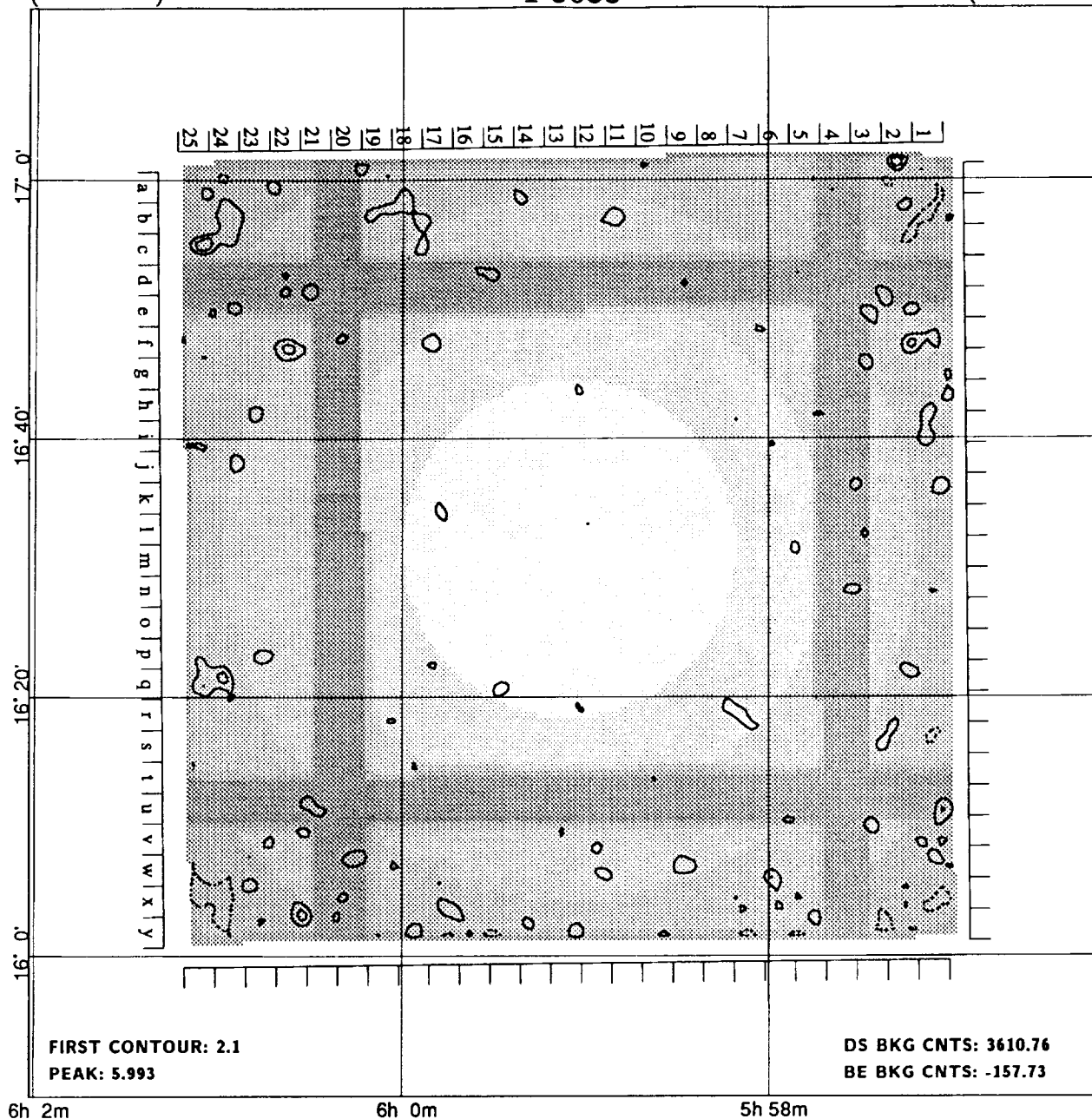
DATE: 1980/ 42 - 1980/ 42
 LIVETIME: 2097.8s
 ROLL ANGLE: 127.5°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

(5h 59m)

I 5033

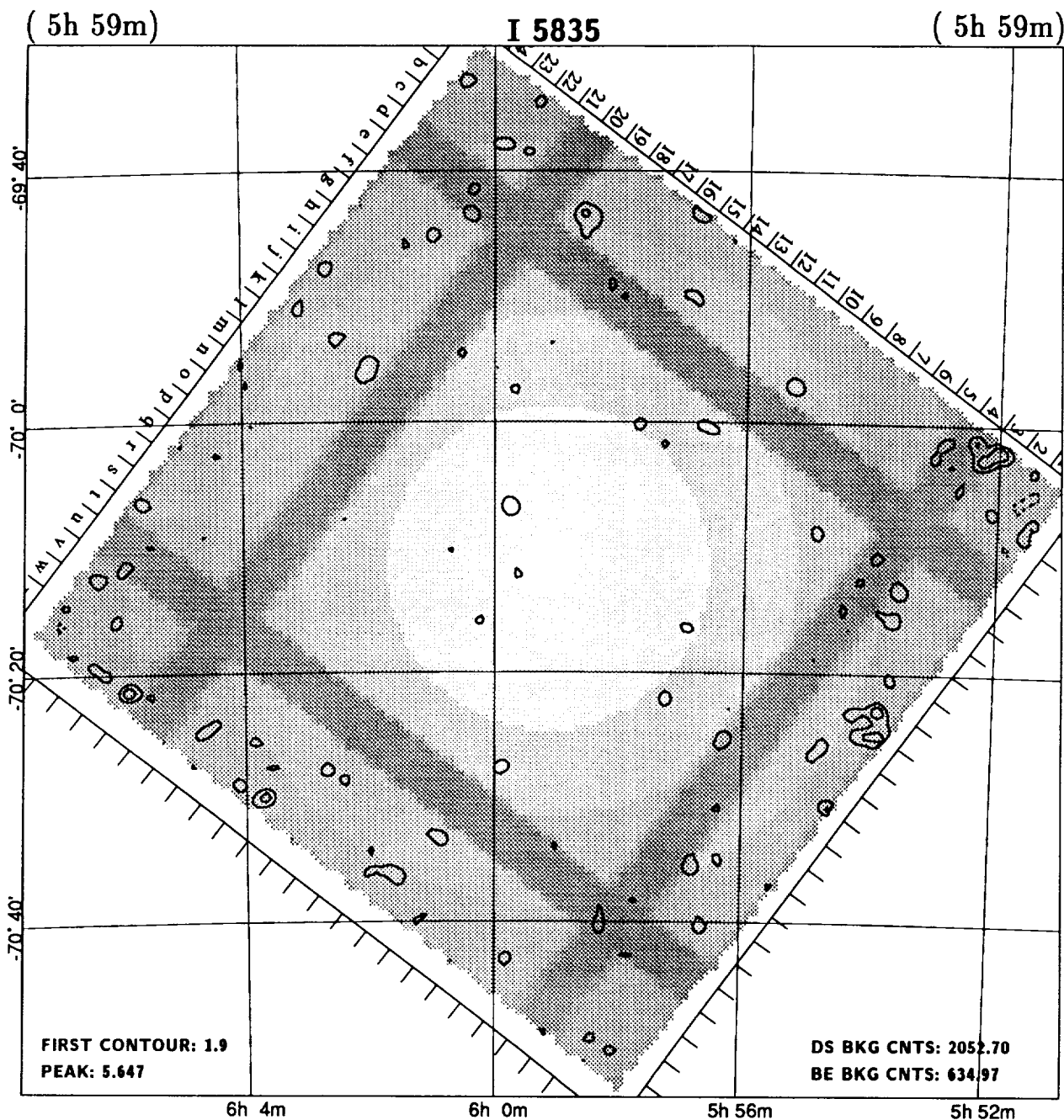
(5h 59m)



FIELD CENTER: $05^h 59^m 06.9^s$ $16^\circ 31' 14''$ (B1950)
 $06^h 02^m 00.4^s$ $16^\circ 31' 12''$ (J2000)
 $l: 192.62$ $b: -3.03$

DATE: 1980/ 84 - 1980/ 84
 LIVETIME: 3031.0s
 ROLL ANGLE: 89.5°

NH: $5.2E+21$
 REF/ID:
 FIELD FLAGS:



LMC SURVEY:

FIELD CENTER: 05^h59^m13.0^s -70°11'59" (B1950)
05^h58^m41.1^s -70°11'54" (J2000)
 l : 280.58 b : -29.86

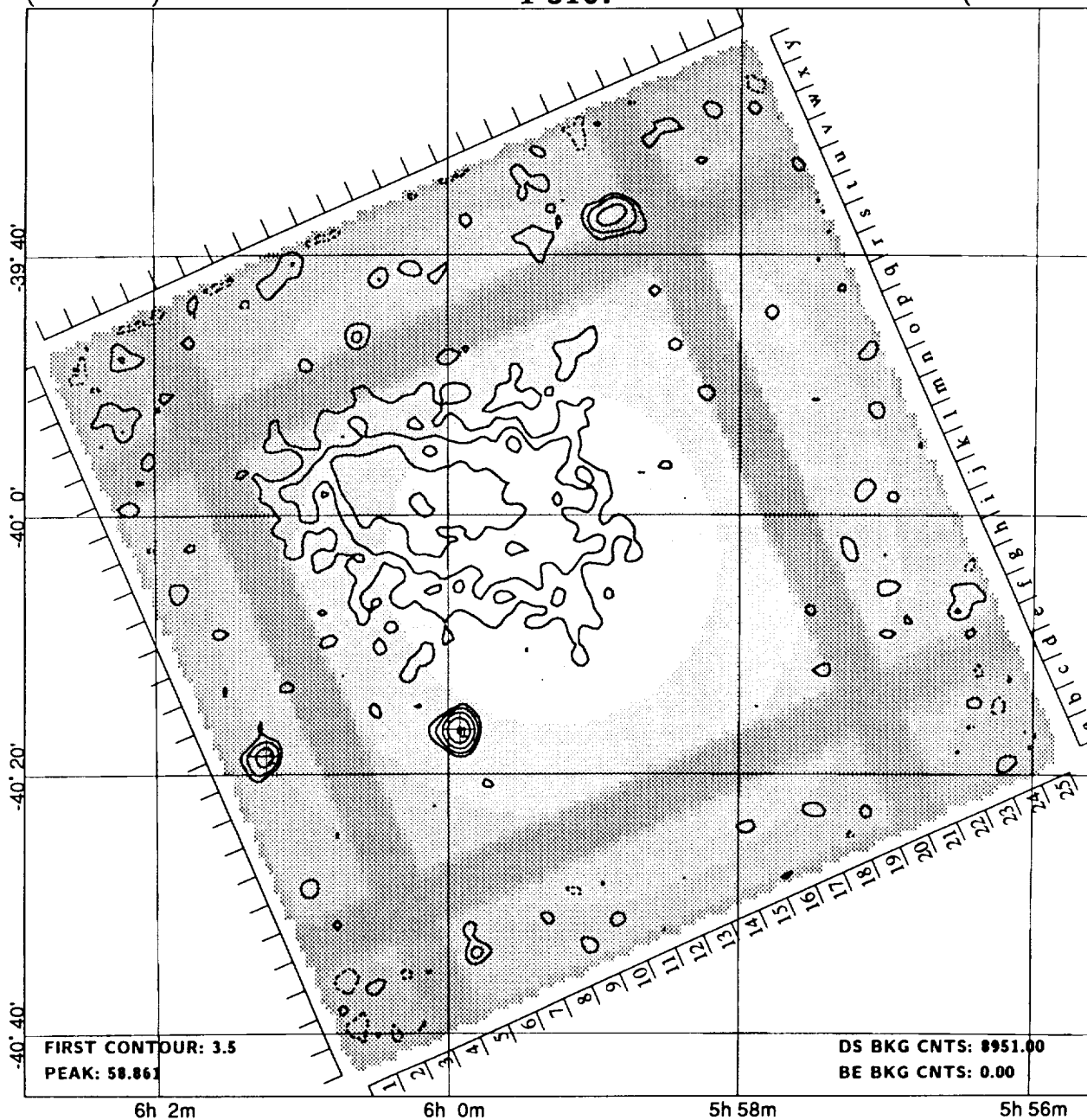
DATE: 1980/ 43 - 1980/ 43
LIVETIME: 1663.4s
ROLL ANGLE: 127.0°

NH: 6.9E+20
REF/ID:
FIELD FLAGS:

(5h 59m)

I 5167

(5h 59m)



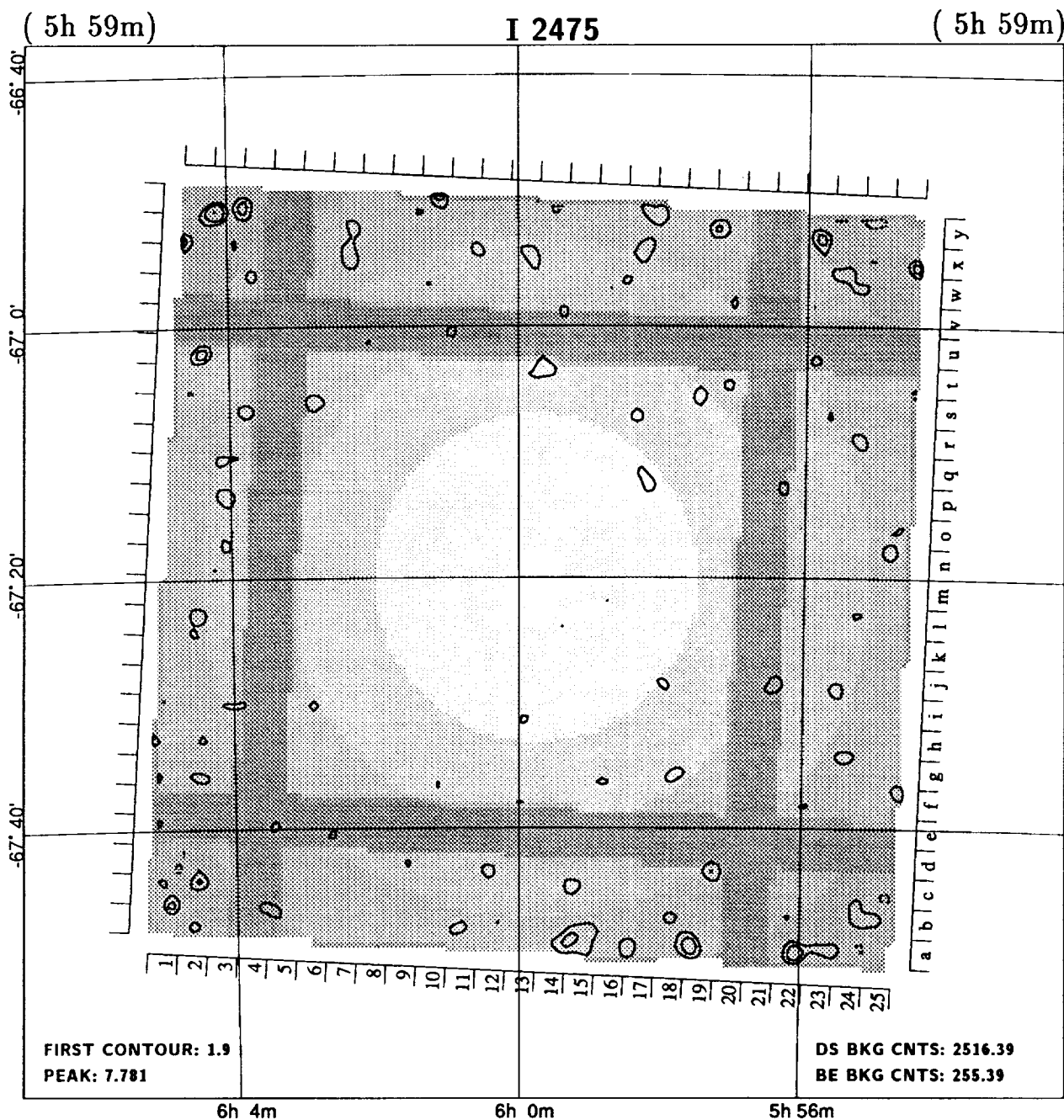
CLUSTER SC0559-40

FIELD CENTER: $05^h 59^m 14.0^s$ $-40^\circ 02' 59''$ (B1950)
 $06^h 00^m 51.5^s$ $-40^\circ 02' 59''$ (J2000)
 l : 246.53 b : -26.27

DATE: 1979/292 - 1979/293
 LIVETIME: 7253.3s
 ROLL ANGLE: -113.8°

NH: $4.4E+20$
 REF/ID: CLG
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1597	1L	05 59 55.2	-40 16 34	47	0.0355	0.0035	151.5	18.5	10.1	0.9	0	15.7		
1600	2L	06 01 15.0	-40 18 34	51	0.0163	0.0030	46.5	9.5	5.3	0.9	0	27.8		

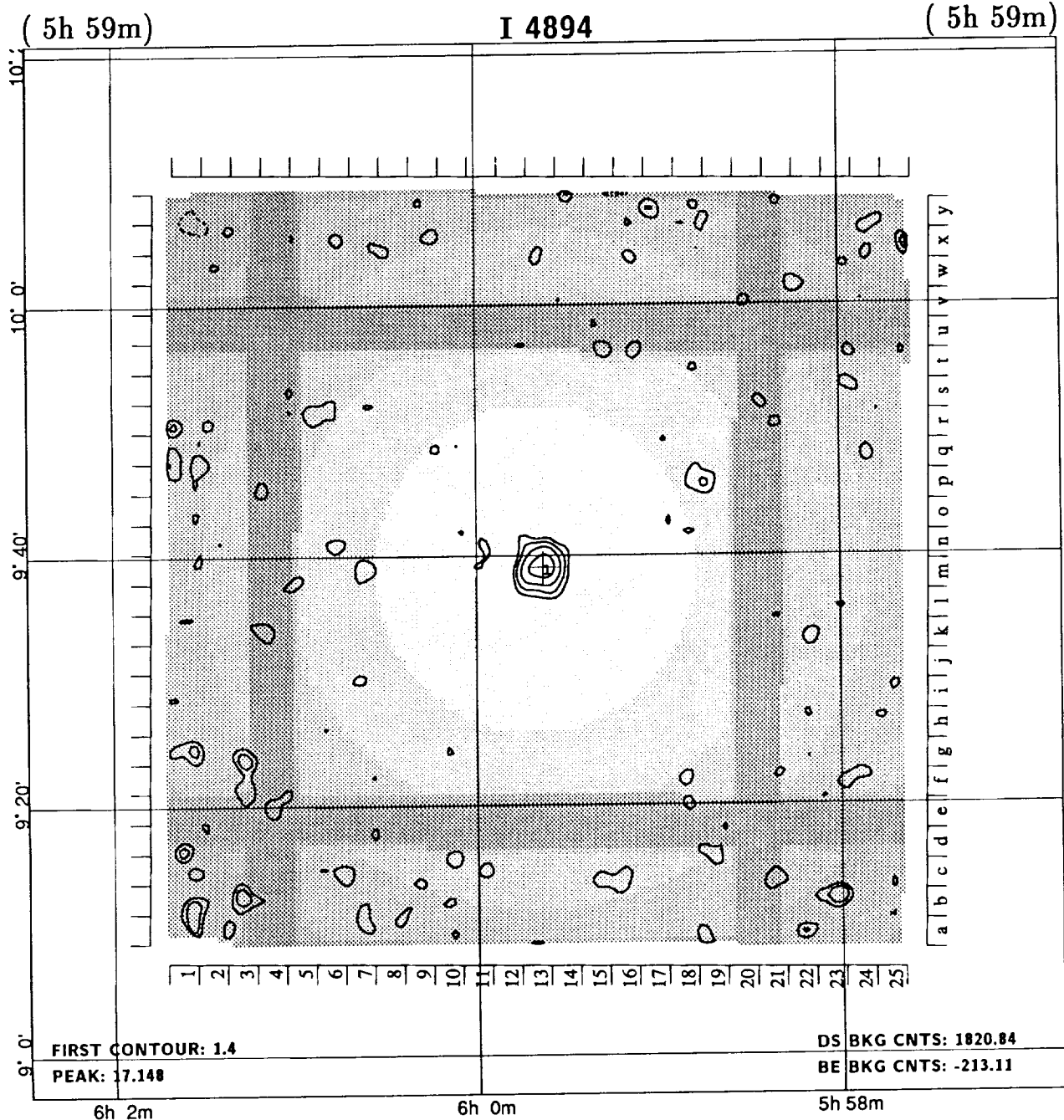


LARGE MAGELLANIC CLOUD SURVEY:

FIELD CENTER: $05^h 59^m 37.9^s$ $-67^\circ 19' 40''$ (B1950)
 $05^h 59^m 31.6^s$ $-67^\circ 19' 38''$ (J2000)
 $l: 277.27$ $b: -29.85$

DATE: 1979/263 - 1979/263
 LIVETIME: 2039.1s
 ROLL ANGLE: -87.3°

NH: $6.6E+20$
 REF/ID: !
 FIELD FLAGS:



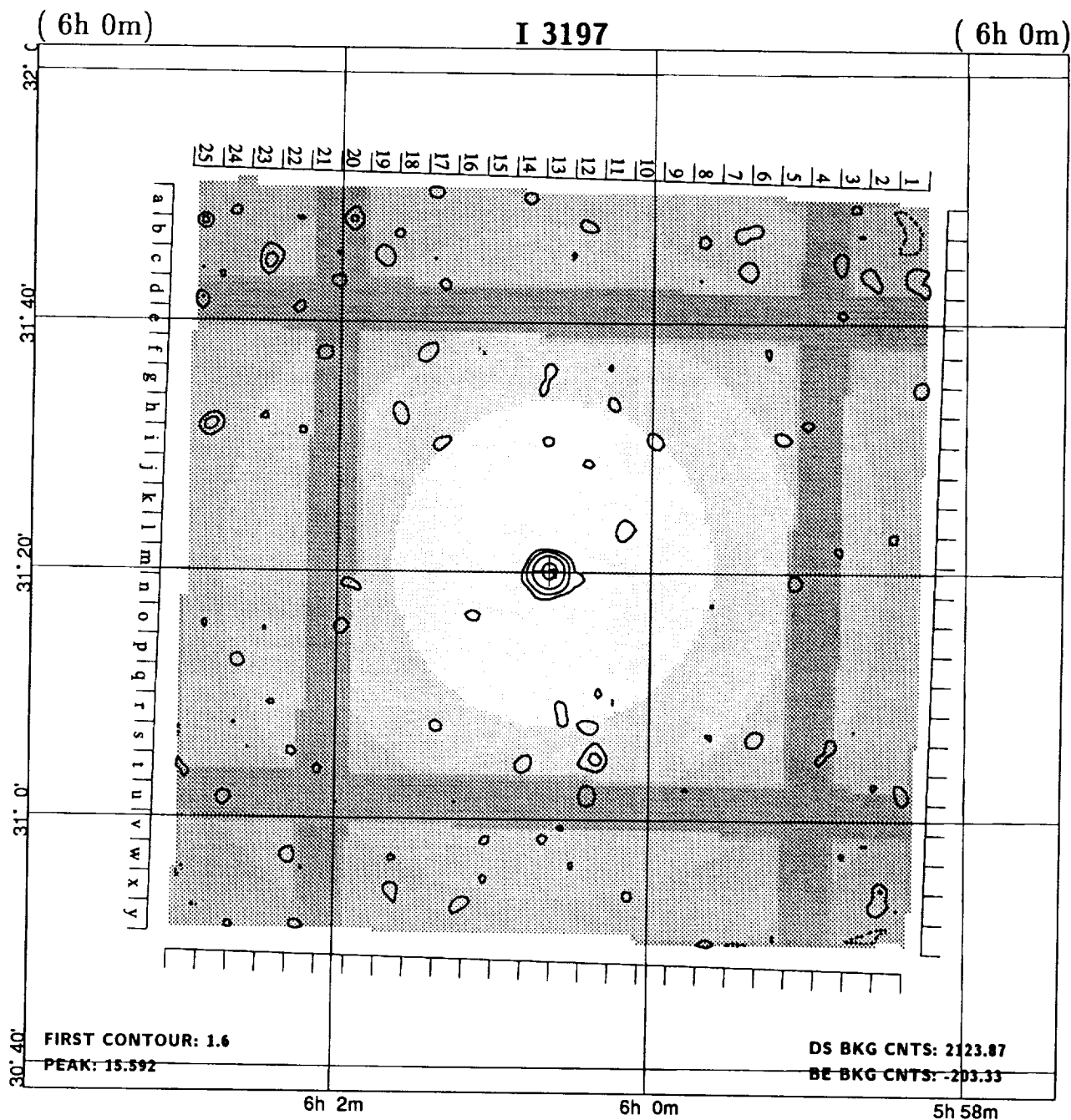
STAR MU ORI A (HD 40932),AP STARSS

FIELD CENTER: 05^h59^m37.9^s 09°38'55" (B1950)
 06^h02^m23.0^s 09°38'51" (J2000)
 l : 198.68 b : -6.31

DATE: 1979/263 - 1979/263
 LIVETIME: 1475.5s
 ROLL ANGLE: -89.3°

NH: 3.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1596	1	05 59 37.9	09 39 04	32	0.0729	0.0083	80.2	3.8	8.7	1.3	0	0.2	H	S



FIELD CENTER: 06^h00^m39.5^s 31°19'59" (B1950)
 06^h03^m53.9^s 31°19'49" (J2000)
 ℓ : 179.92 b : 4.62

DATE: 1980/ 91 - 1980/ 91
 LIVETIME: 1782.8s
 ROLL ANGLE: 91.3°

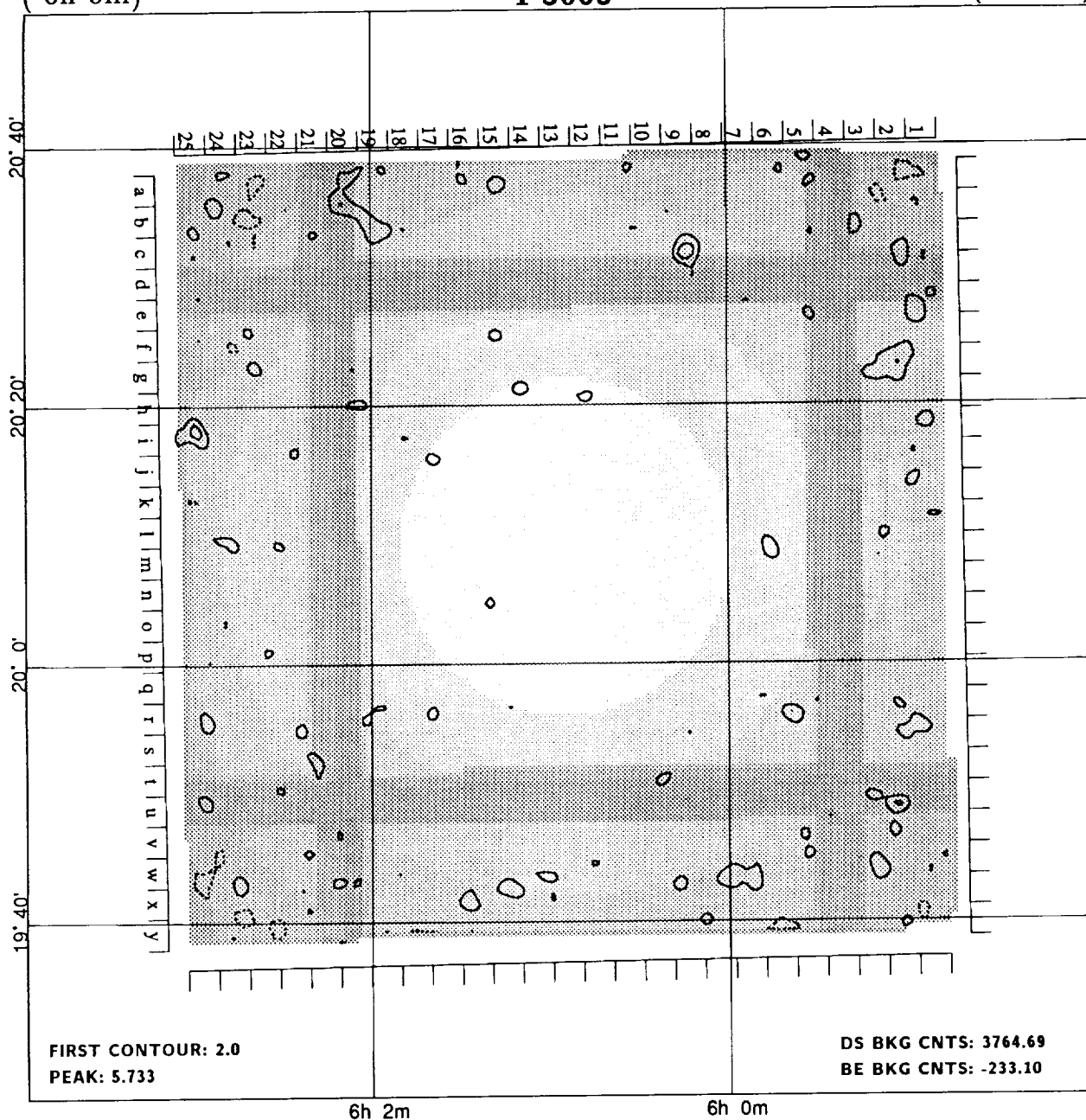
NH: 4.1E+21
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1598	1	06 00 39.1	31 20 08	32	0.0508	0.0064	67.5	4.5	8.0	1.1	0	0.2	H	CV

(6h 0m)

I 5068

(6h 0m)



CHI2 ORI, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: 06^h00^m56.9^s 20°08'28" (B1950)
 06^h03^m55.1^s 20°08'18" (J2000)
 l : 189.69 b : -0.86

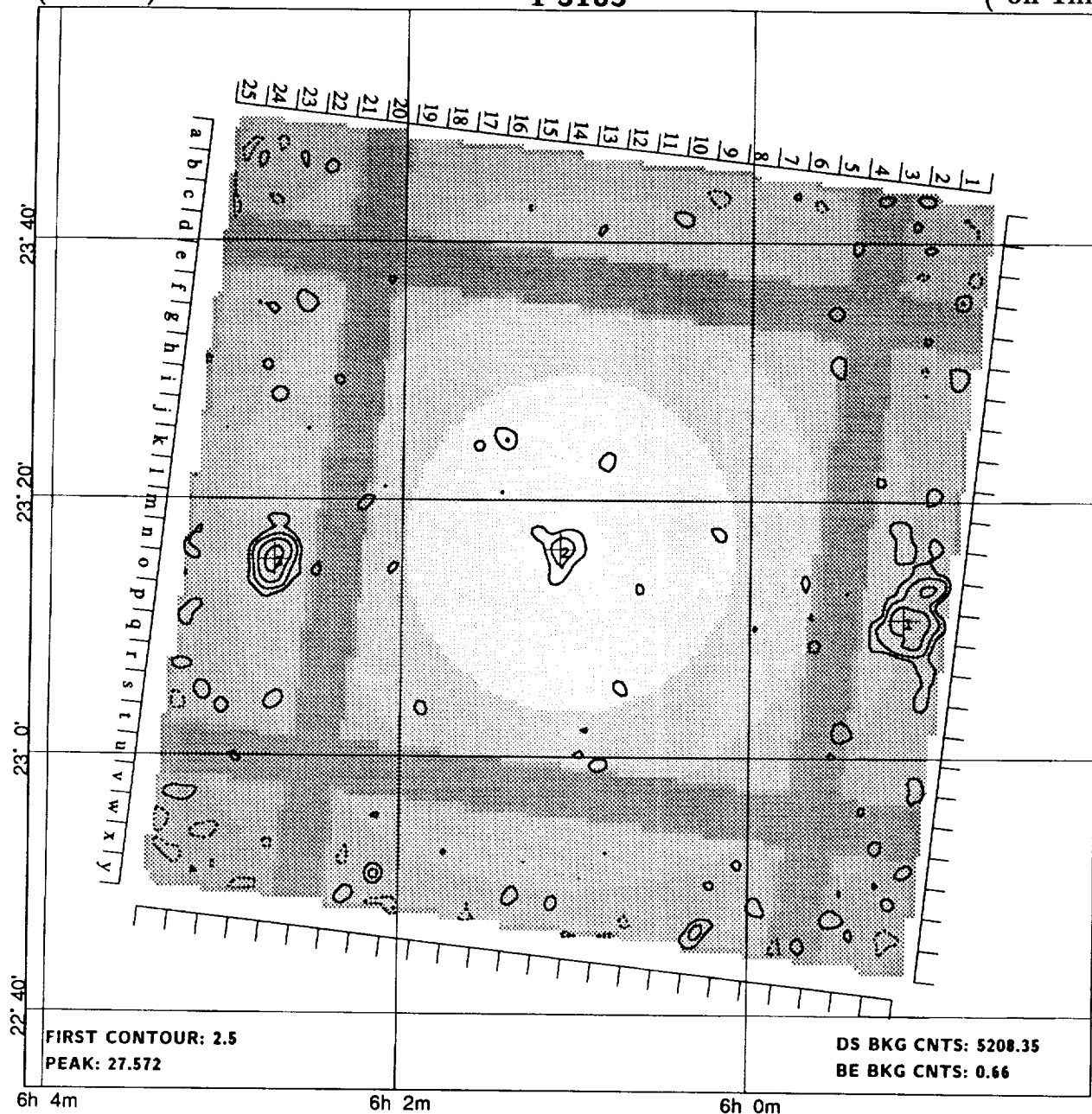
DATE: 1980/ 91 - 1980/ 91
 LIVETIME: 3160.2s
 ROLL ANGLE: 89.2°

NH: 5.8E+21
 REF/ID:
 FIELD FLAGS:

(6h 1m)

I 5183

(6h 1m)



STAR 1 GEM, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $06^h 01^m 04.0^s$ $23^\circ 15' 59''$ (B1950)
 $06^h 04^m 06.4^s$ $23^\circ 15' 49''$ (J2000)
 $l: 186.99$ $b: 0.71$

DATE: 1980/ 91 - 1980/ 91

NH: 4.7E+21

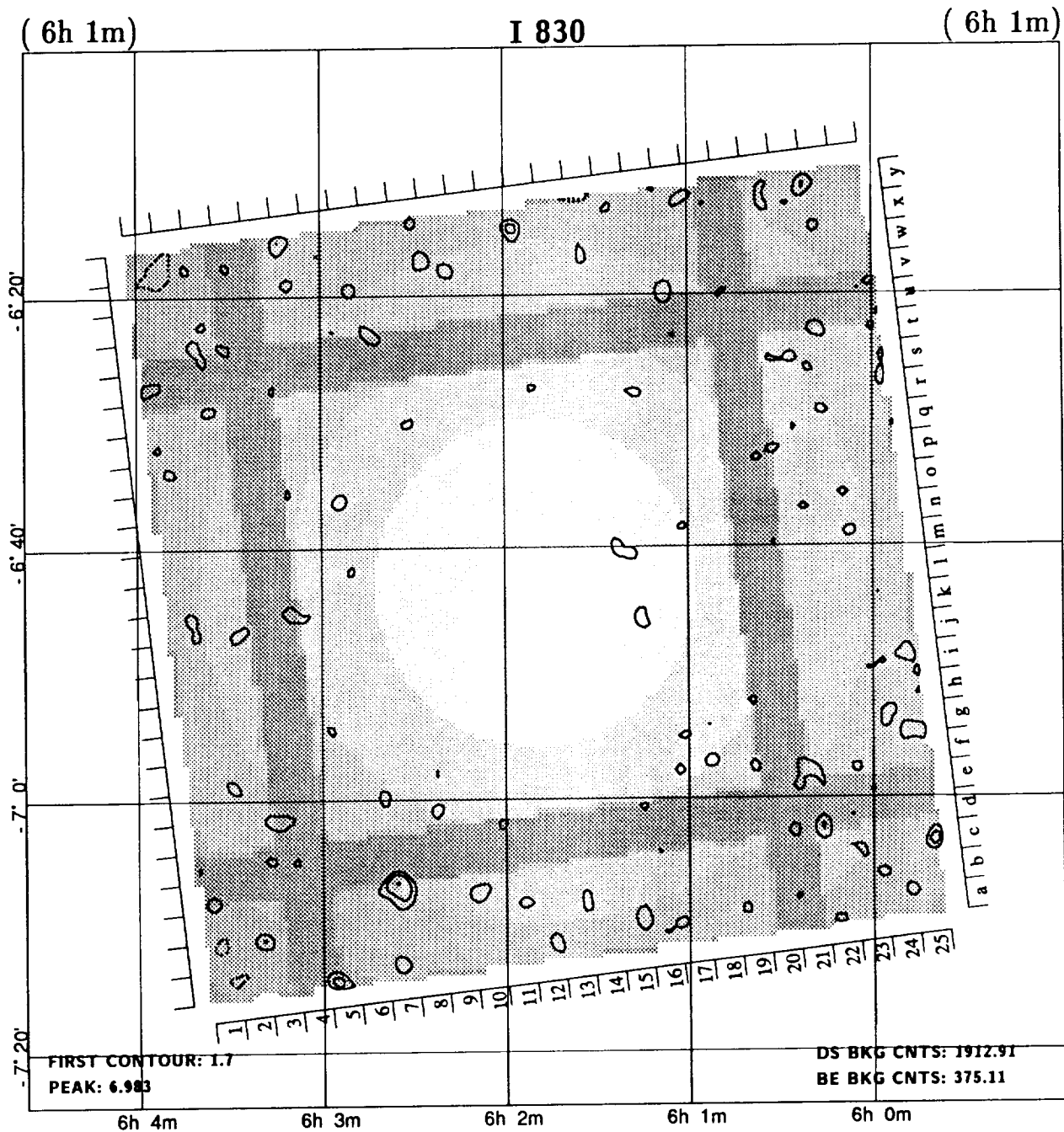
LIVETIME: 4372.0s

REF/ID: S

ROLL ANGLE: 96.4°

FIELD FLAGS:

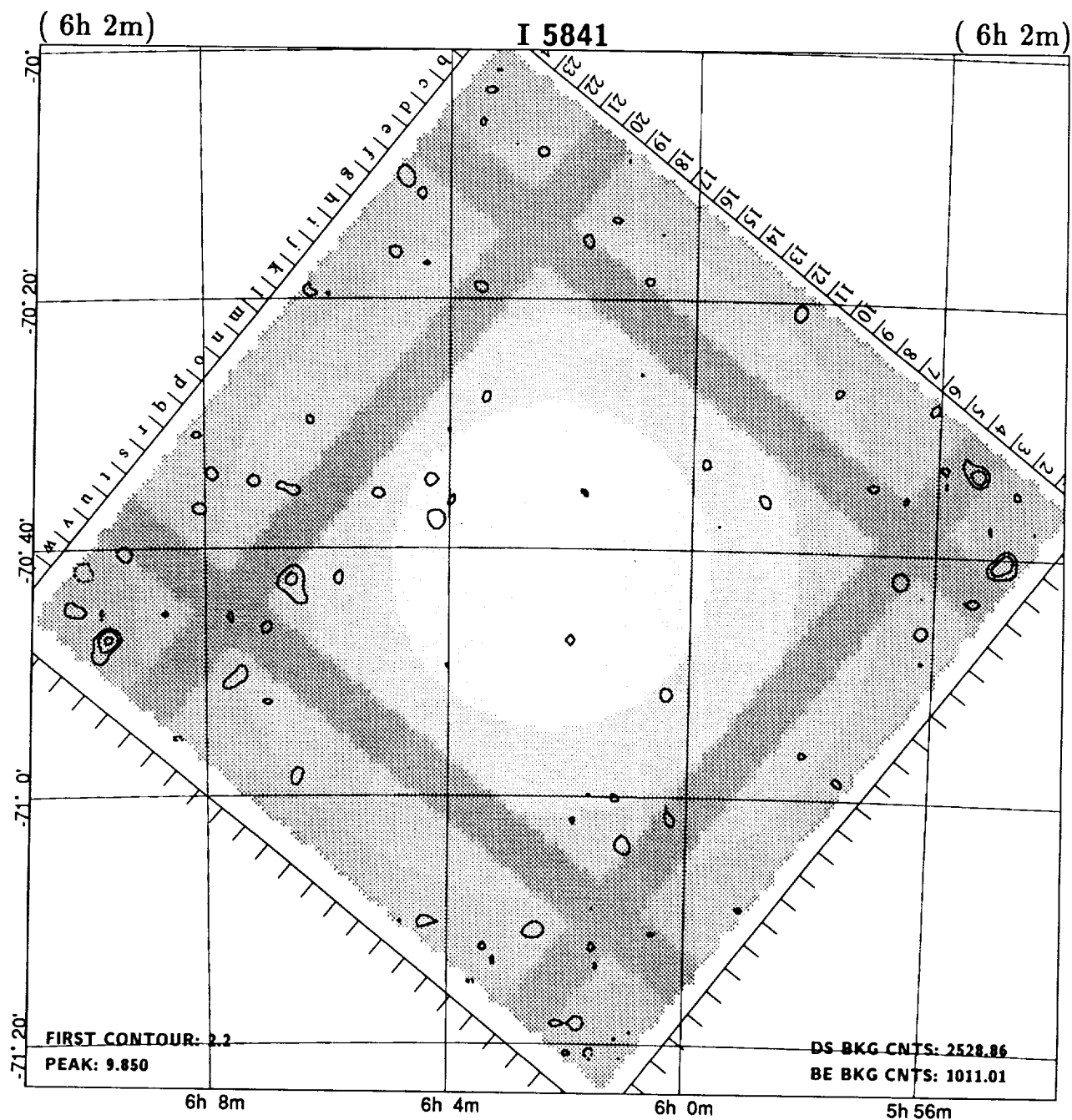
CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1595	1	05 59 07.4	23 10 51	50	0.0246	0.0041	43.2	8.8	6.0	2.4	0	27.0		
1599	2	06 01 05.5	23 16 08	36	0.0082	0.0019	26.7	13.3	4.2	1.3	0	0.4	H	
1601	3	06 02 43.8	23 15 17	50	0.0345	0.0044	68.6	8.4	7.8	1.3	0	23.1	H	



FIELD CENTER: $06^h 01^m 47.6^s$ $-06^\circ 42' 18''$ (B1950)
 $06^h 04^m 13.5^s$ $-06^\circ 42' 32''$ (J2000)
 l : 213.60 b : -13.54

DATE: 1979/279 - 1979/279
 LIVETIME: 1550.1s
 ROLL ANGLE: -96.5°

NH: $1.9E+21$
 REF/ID:
 FIELD FLAGS:



LMC SURVEY:

FIELD CENTER: 06^h02^m21.0^s -70°41'59'' (B1950)
06^h01^m43.9^s -70°42'08'' (J2000)
 l : 281.15 b : -29.58

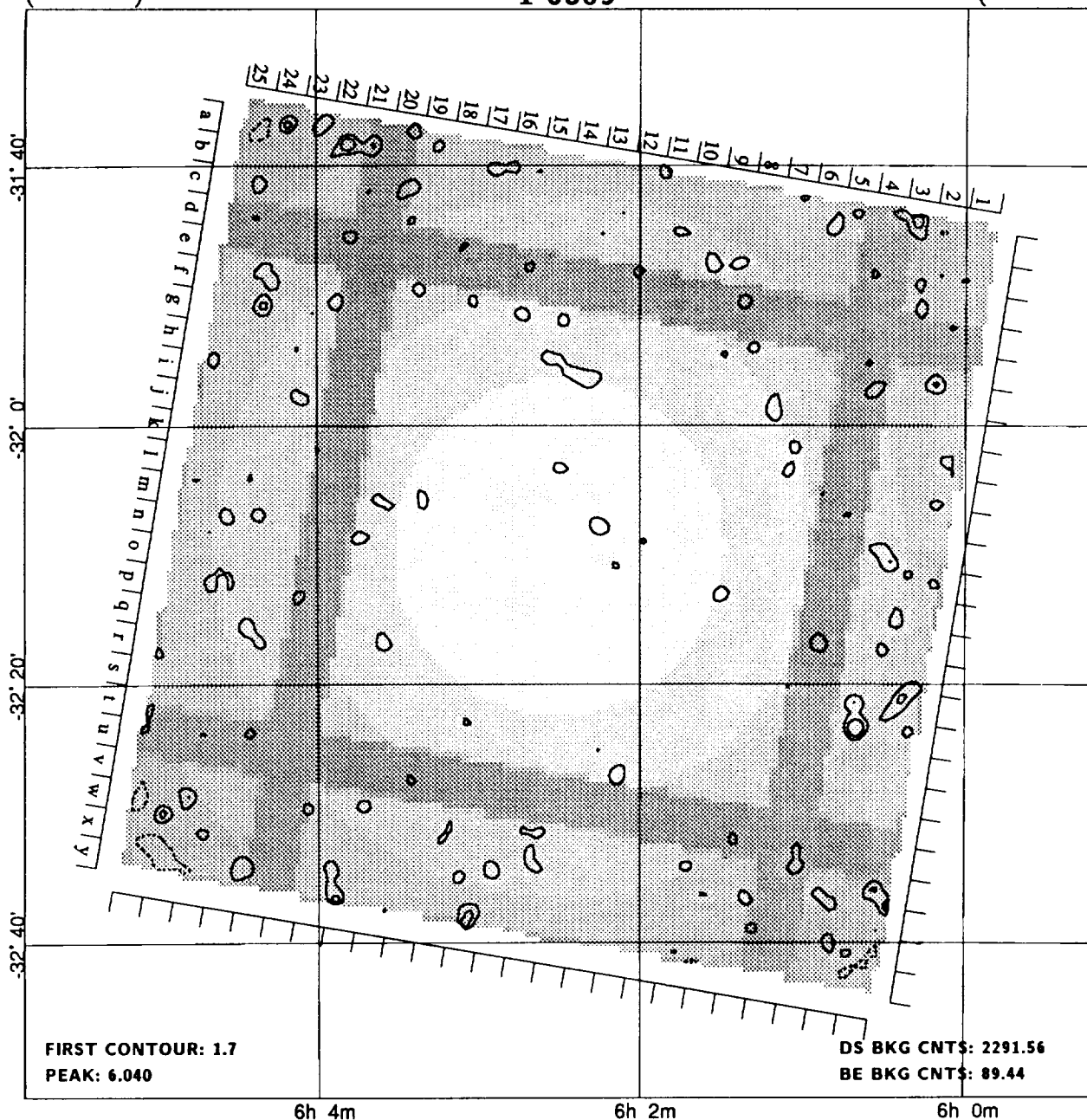
DATE: 1980/ 42 - 1980/ 42
LIVETIME: 2049.2s
ROLL ANGLE: 128.6°

NH: 7.6E+20
REF/ID:
FIELD FLAGS:

(6h 2m)

I 6809

(6h 2m)



OB RUNAWAYS: 72 COL

FIELD CENTER: $06^h 02^m 30.0^s$ $-32^\circ 09' 59''$ (B1950)
 $06^h 04^m 21.7^s$ $-32^\circ 10' 14''$ (J2000)
 $l: 238.43$ $b: -23.36$

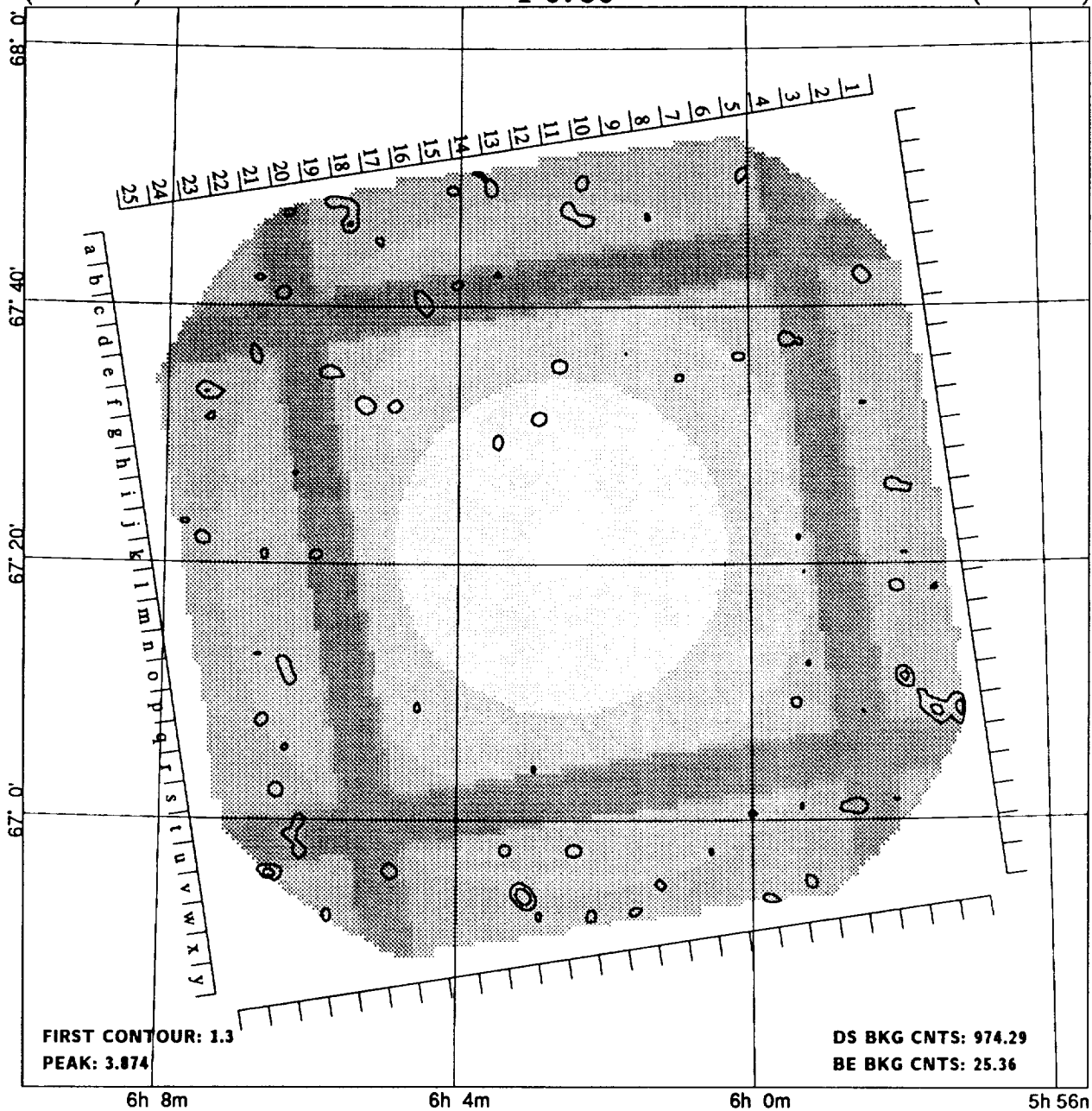
DATE: 1980/ 69 - 1980/ 69
LIVETIME: 1856.9s
ROLL ANGLE: 99.5°

NH: $2.5E+20$
REF/ID:
FIELD FLAGS:

(6h 2m)

I 6736

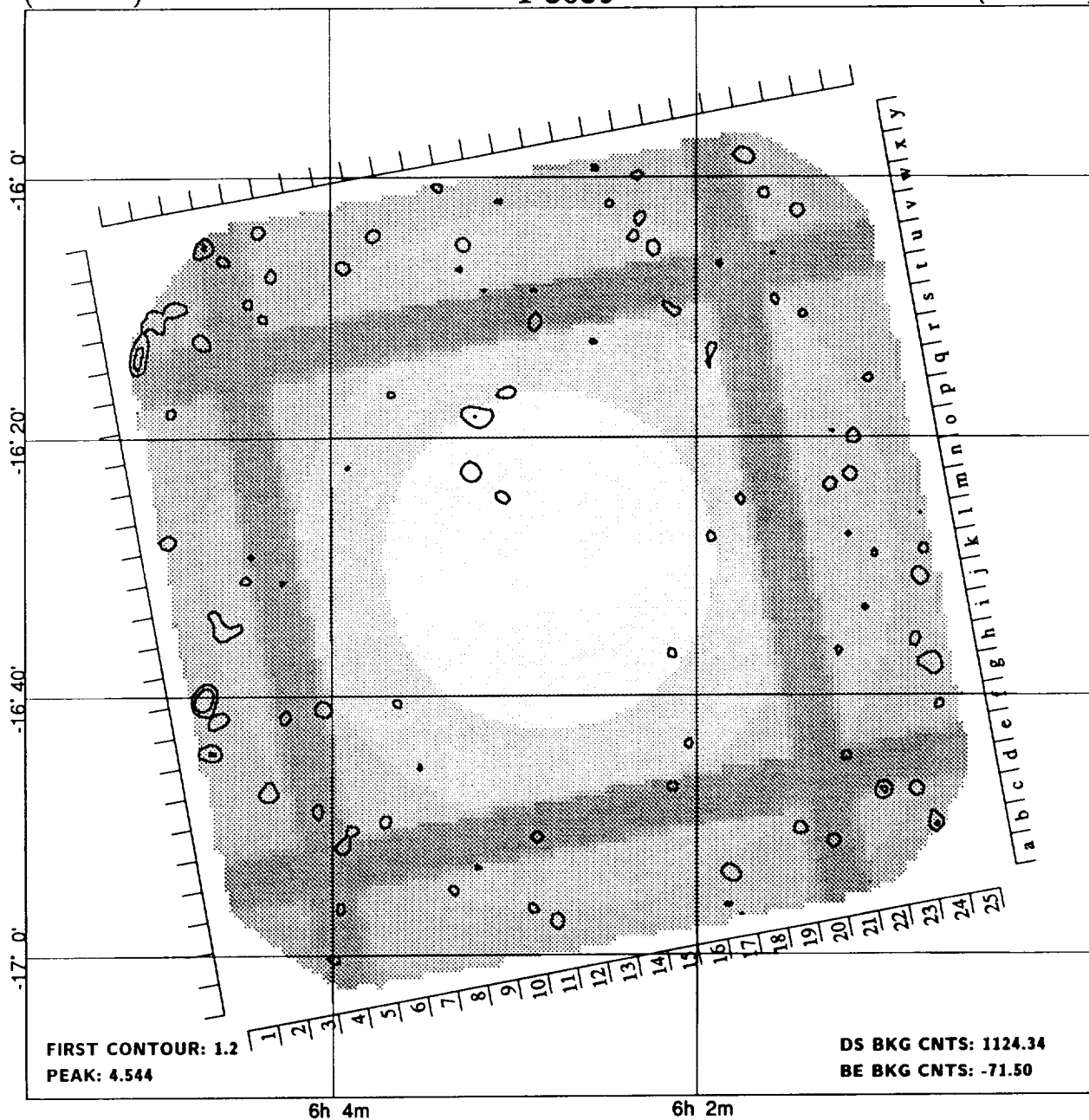
(6h 2m)



(6h 2m)

I 5059

(6h 2m)

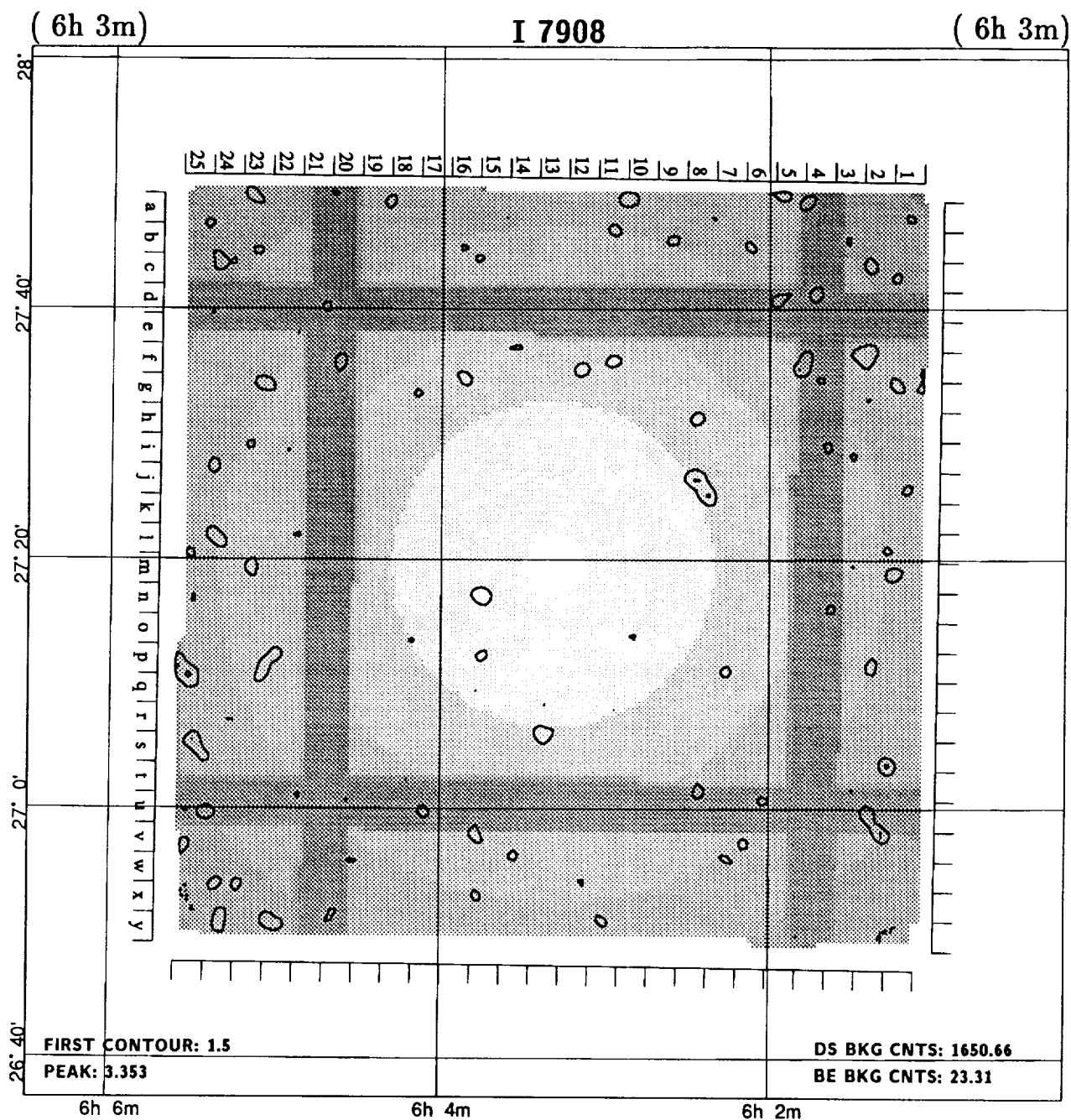


17 LEP, ACTIVE CLOSE BINARY STARS

FIELD CENTER: $06^h 02^m 45.0^s$ $-16^\circ 28' 59''$ (B1950)
 $06^h 04^m 58.9^s$ $-16^\circ 29' 16''$ (J2000)
 $l: 222.87$ $b: -17.53$

DATE: 1979/283 - 1979/283
 LIVETIME: 911.1s
 ROLL ANGLE: -100.3°

NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:



LANNING #33,4 BLUE GALACTIC EMISSION LINE OBJECTS

FIELD CENTER: $06^h 03^m 21.0^s$ $27^\circ 18' 58''$ (B1950)
 $06^h 06^m 29.2^s$ $27^\circ 18' 37''$ (J2000)
 $l: 183.72$ $b: 3.16$

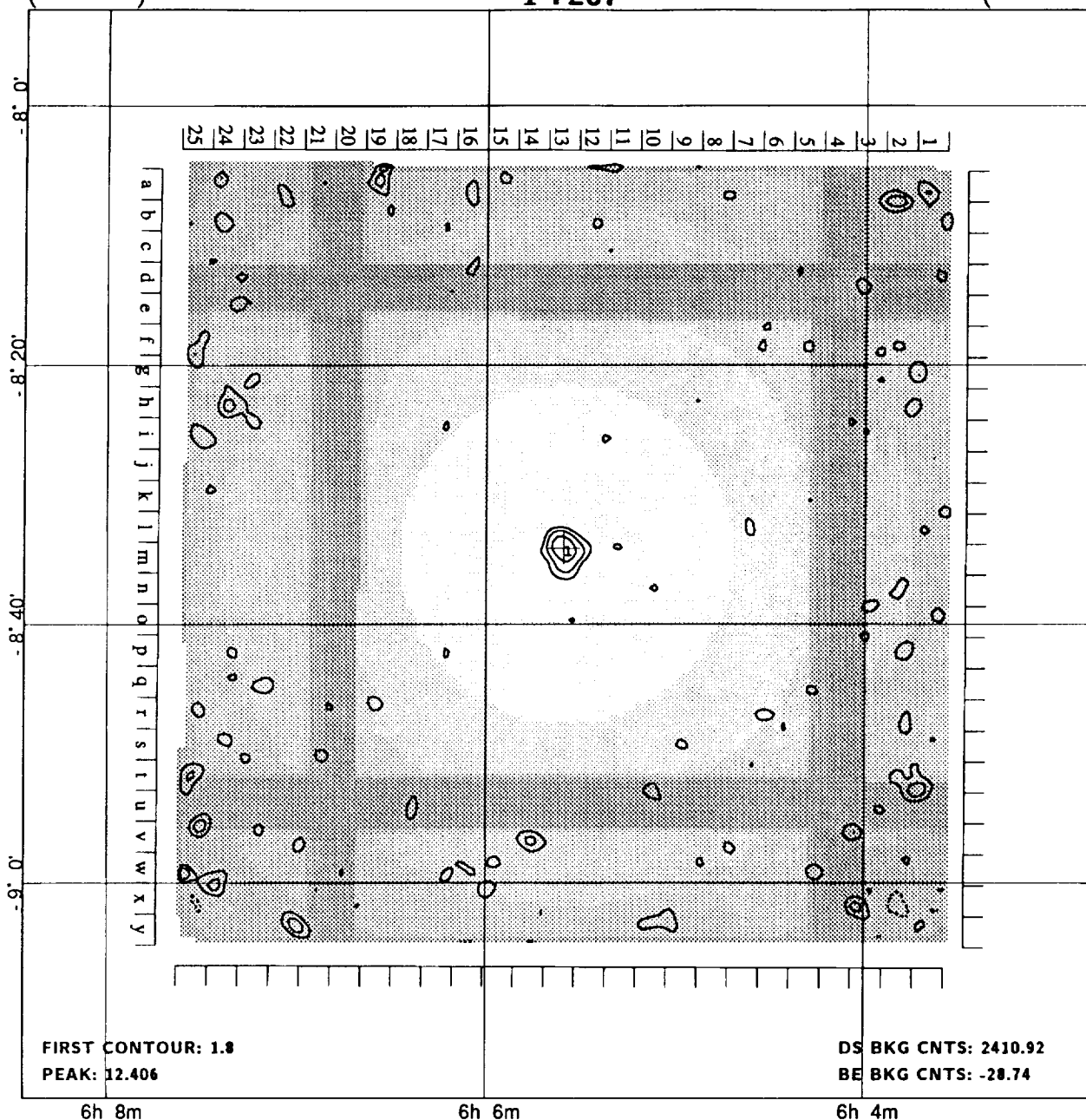
DATE: 1980/ 96 - 1980/ 96
LIVETIME: 1385.6s
ROLL ANGLE: 90.6°

NH: $4.3E+21$
REF/ID:
FIELD FLAGS:

(6h 5m)

I 7287

(6h 5m)



0605-085, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: $06^h 05^m 36.4^s$ $-08^\circ 34' 38''$ (B1950)
 $06^h 08^m 00.0^s$ $-08^\circ 35' 08''$ (J2000)
 $l: 215.76$ $b: -13.52$

DATE: 1980/ 80 - 1980/ 80
 LIVETIME: 2023.8s
 ROLL ANGLE: 90.2°

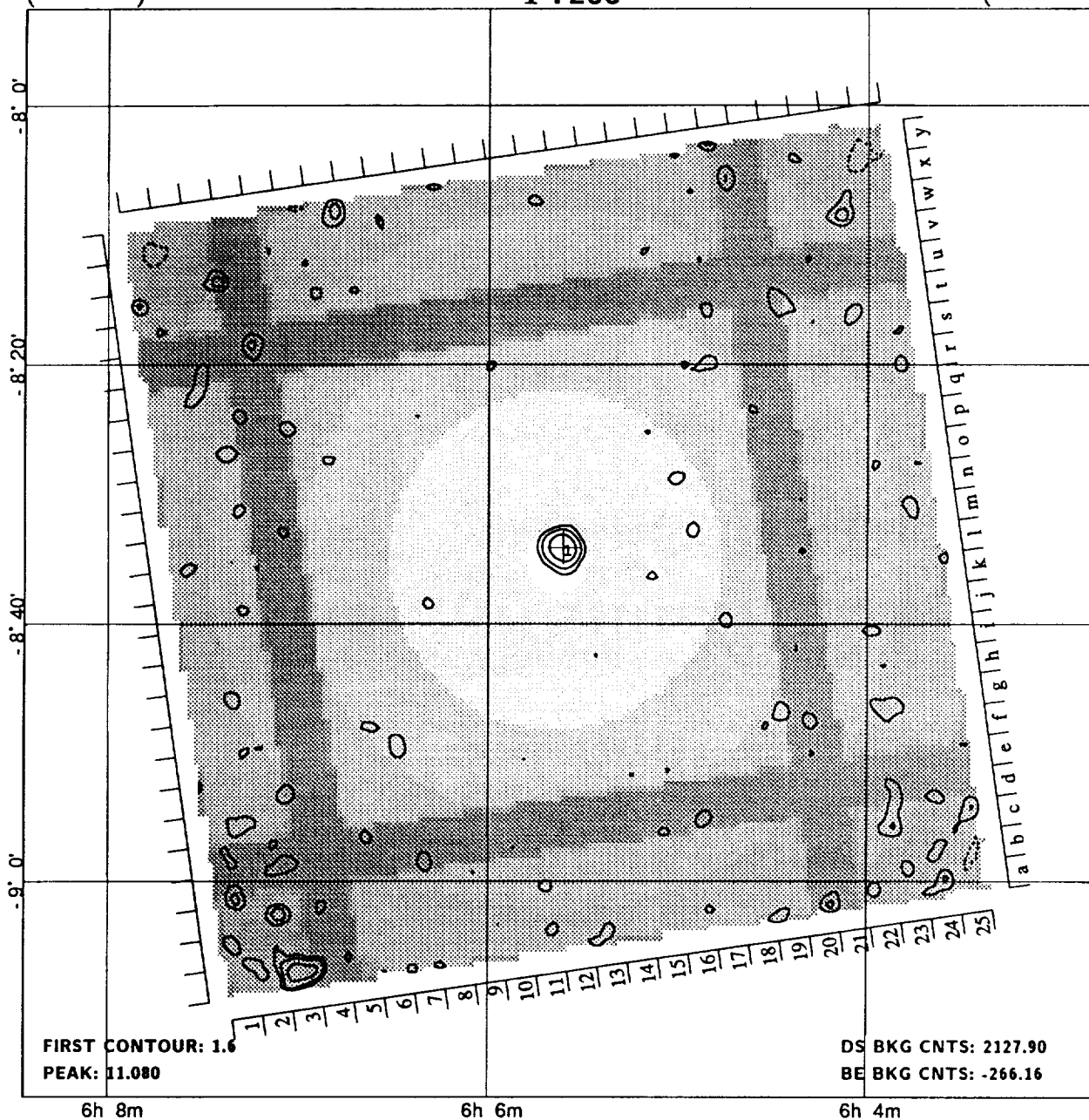
NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1603	1	06 05 35.4	-08 34 07	35	0.0324	0.0049	49.0	6.0	6.6	1.1	0	0.9	AH

(6h 5m)

I 7288

(6h 5m)



0605-085, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: $06^h 05^m 36.4^s$ $-08^\circ 34' 38''$ (B1950)
 $06^h 08^m 00.0^s$ $-08^\circ 35' 08''$ (J2000)
 $l: 215.76$ $b: -13.52$

DATE: 1980/282 - 1980/282
 LIVETIME: 1724.3s
 ROLL ANGLE: -98.2°

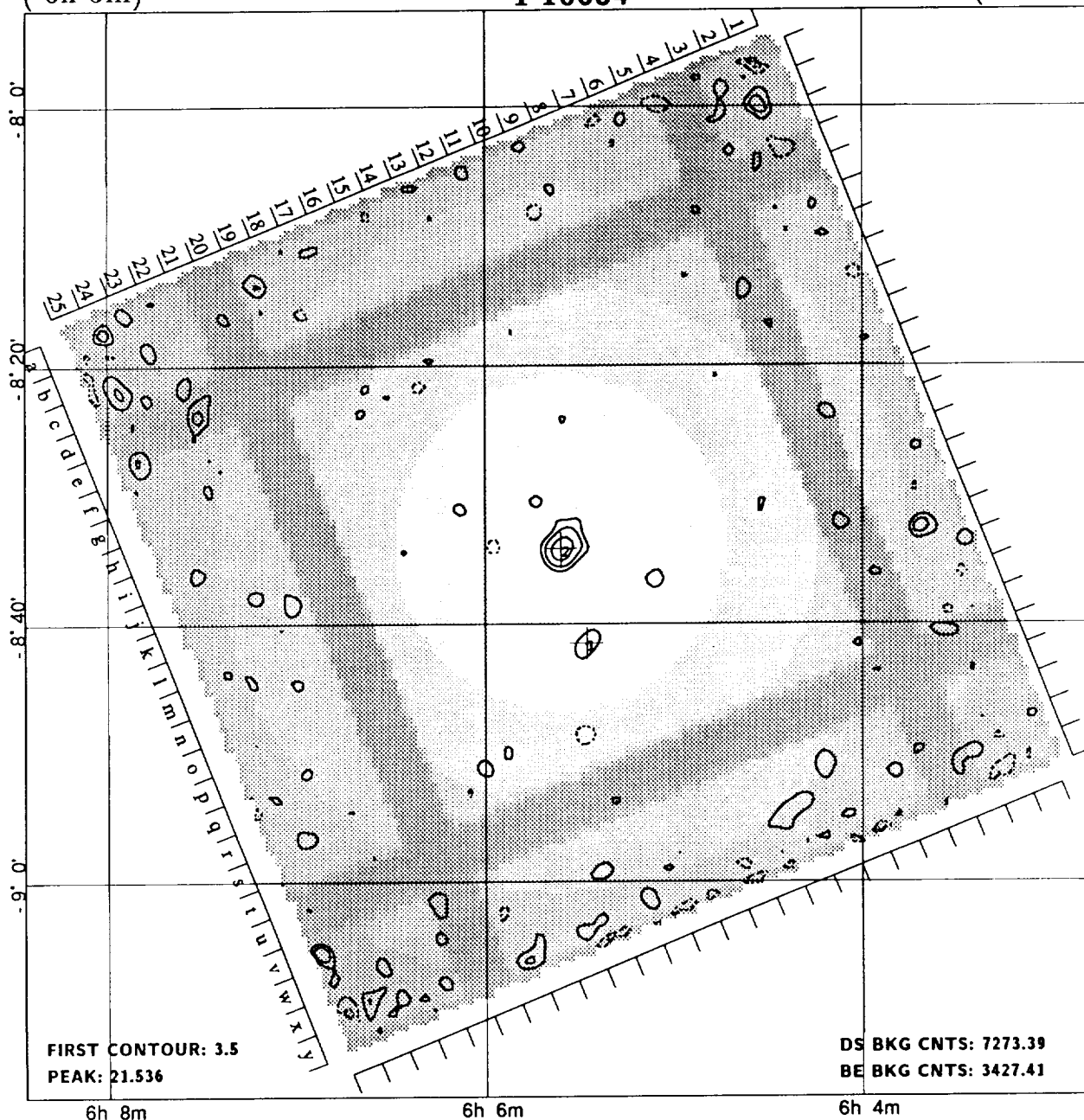
NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1603	1	06 05 36.2	-08 34 08	35	0.0364	0.0056	46.6	4.4	6.5	1.0	0	0.4	AH	

(6h 5m)

I 10684

(6h 5m)



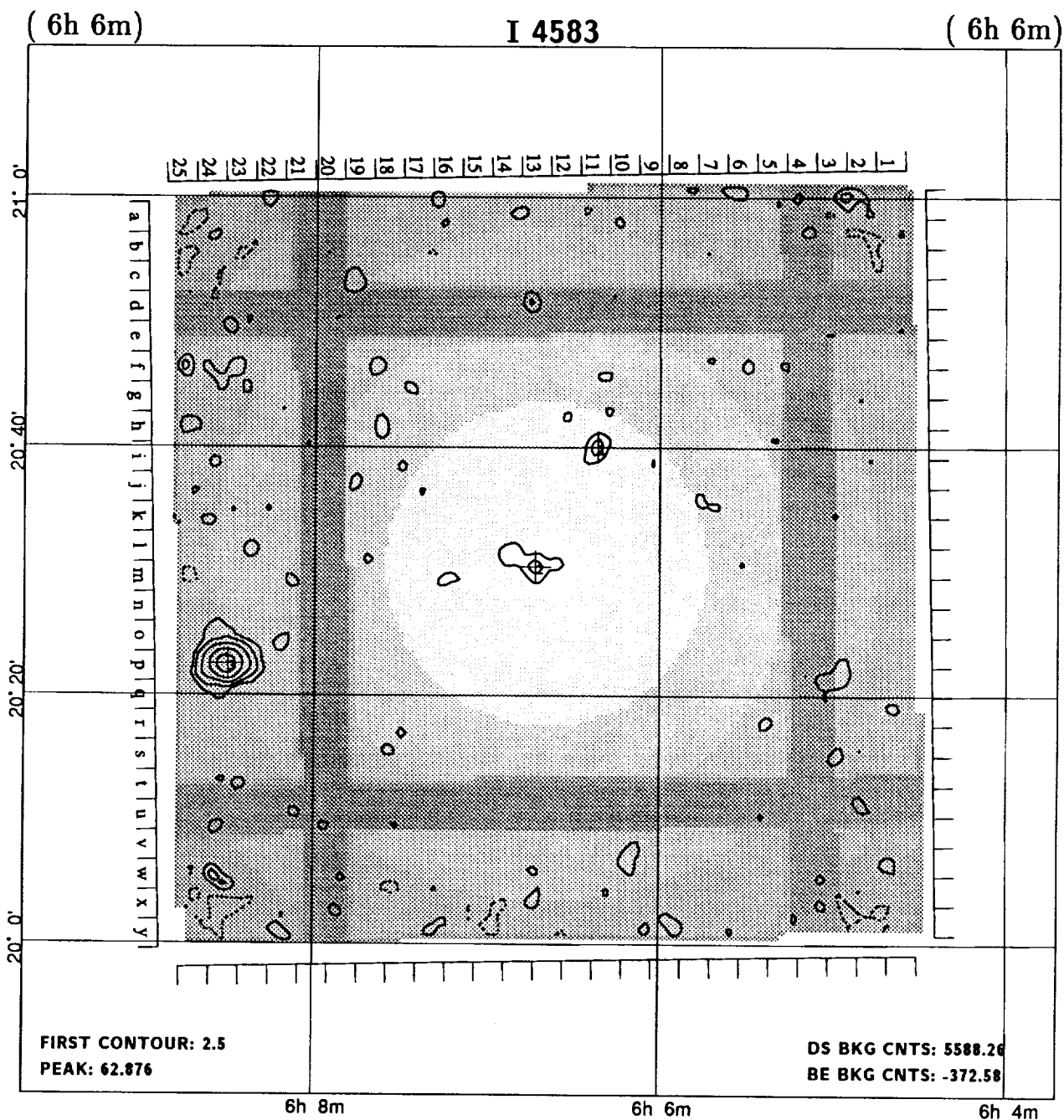
0605-085: LOW FREQ VAR EXTRAGAL RADIO SOURCES

FIELD CENTER: $06^h 05^m 36.4^s$ $-08^\circ 34' 38''$ (B1950)
 $06^h 08^m 00.0^s$ $-08^\circ 35' 08''$ (J2000)
 $l: 215.76$ $b: -13.52$

DATE: 1981/ 98 - 1981/ 98
 LIVETIME: 5893.9s
 ROLL ANGLE: 68.1°

NH: $2.2E+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1602	1L	06 05 27.6	-08 41 31	43	0.0084	0.0022	33.8	22.2	3.6	0.6	0	7.4		
1603	2L	06 05 35.8	-08 34 10	32	0.0163	0.0028	71.7	36.3	5.7	1.0	0	0.4	A	



S 252 H II REGION/MOLECULAR CLOUD COMPLEX

FIELD CENTER: 06^h06^m41.0^s 20°29'59" (B1950)
06^h09^m39.7^s 20°29'24" (J2000)
ℓ: 190.04 b: 0.49

DATE: 1981/ 87 - 1981/ 87
LIVETIME: 4528.3s
ROLL ANGLE: 88.9°

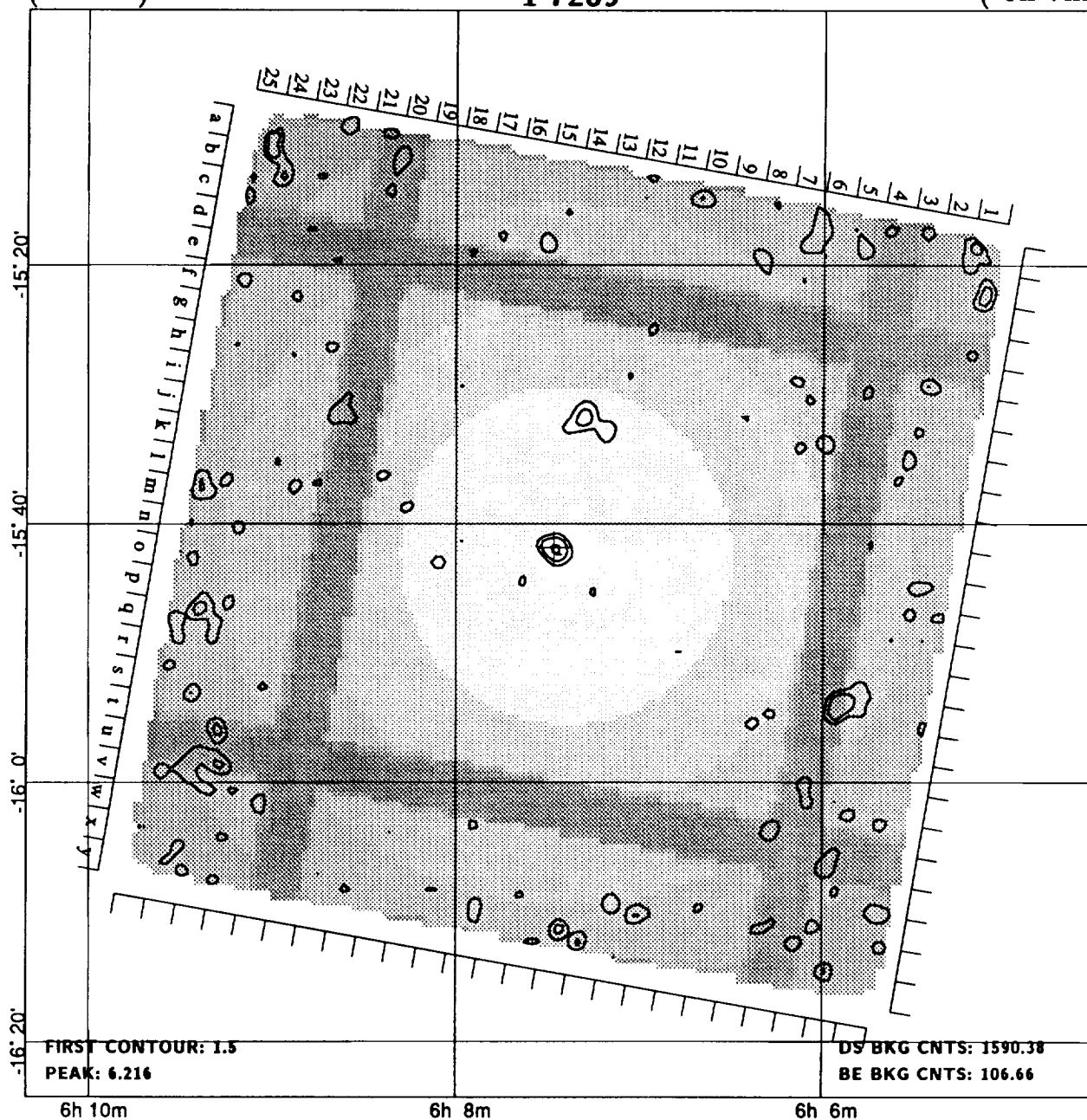
NH: 5.7E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1604	1	06 06 21.6	20 40 03	46	0.0067	0.0019	20.1	11.9	3.6	0.7	0	10.6	
1605	2	06 06 43.3	20 30 24	37	0.0061	0.0017	20.7	13.3	3.6	1.1	0	0.8	
1616	3	06 08 29.8	20 22 33	48	0.0658	0.0063	118.1	8.9	10.5	1.2	0	26.5	H

(6h 7m)

I 7289

(6h 7m)



0607-15, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: 06^h07^m25.6^s -15°42'20" (B1950)
06^h09^m40.5^s -15°42'58" (J2000)
 ℓ : 222.62 b : -16.19

DATE: 1980/ 65 - 1980/ 65
LIVETIME: 1288.7s
ROLL ANGLE: 99.9°

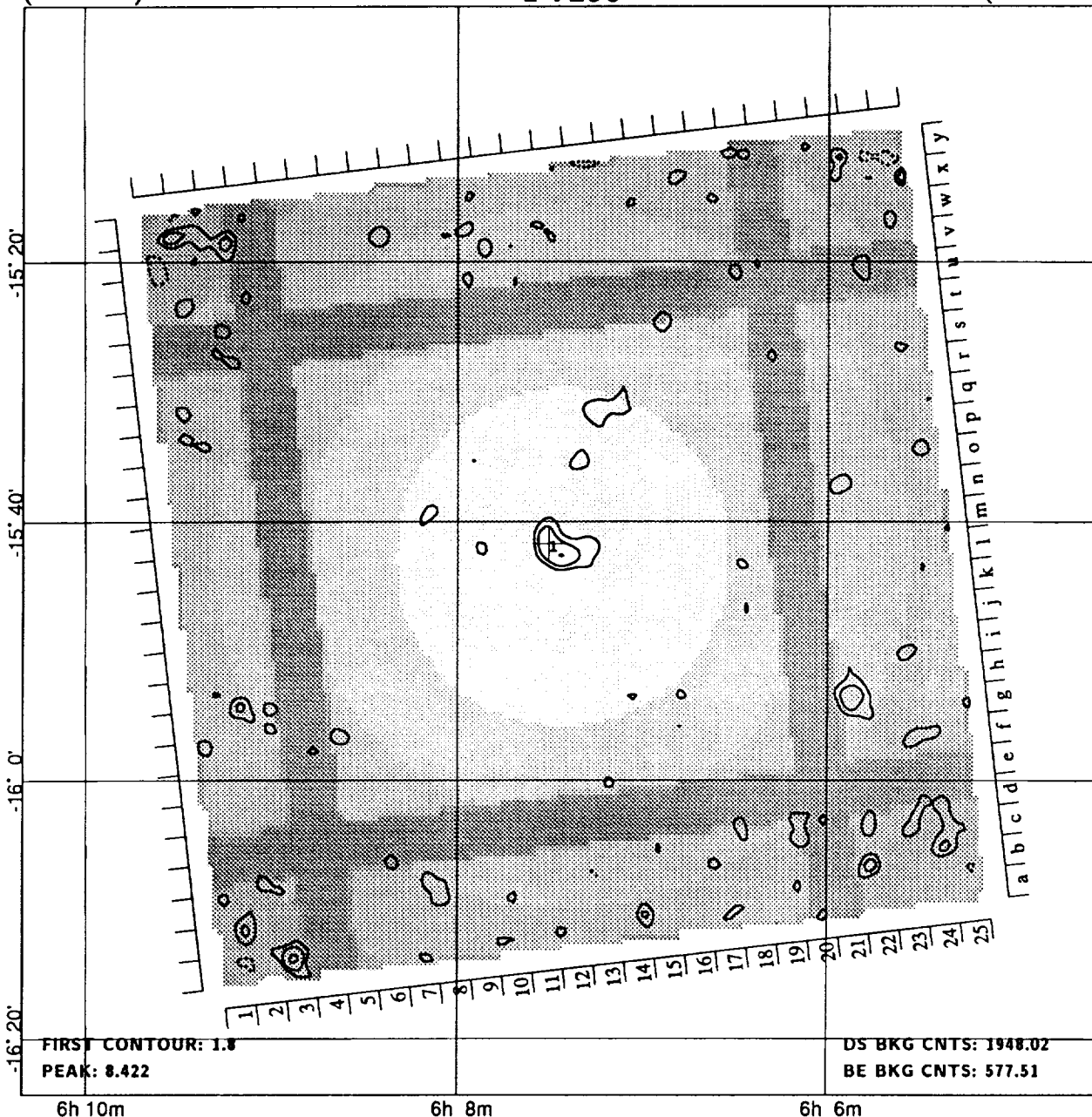
NH: 1.4E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1608	1	06 07 27.8	-15 41 50	36	0.0202	0.0051	19.4	4.6	4.0	0.7	0	0.8	A	Q

(6h 7m)

I 7290

(6h 7m)



0607-15, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: 06^h07^m25.6^s -15°42'20" (B1950)
06^h09^m40.5^s -15°42'58" (J2000)
 ℓ : 222.62 b : -16.19

DATE: 1980/278 - 1980/278

NH: 1.4E+21

LIVETIME: 1578.5s

REF/ID:

ROLL ANGLE: -96.6°

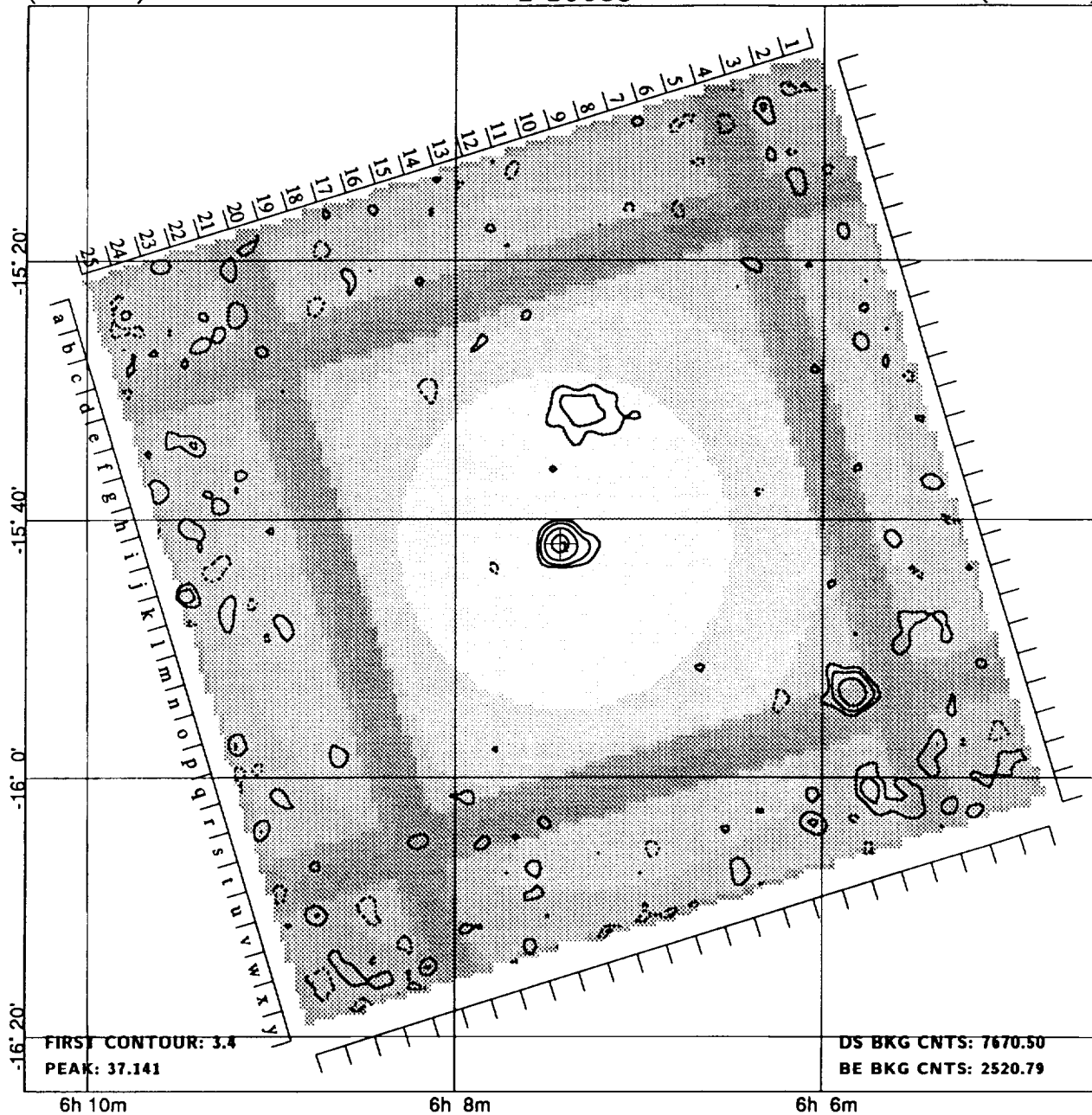
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1608	1	06 07 30.5	-15 41 40	36	0.0242	0.0050	28.3	5.7	4.8	1.3	0	0.7	AH	Q

(6h 7m)

I 10685

(6h 7m)



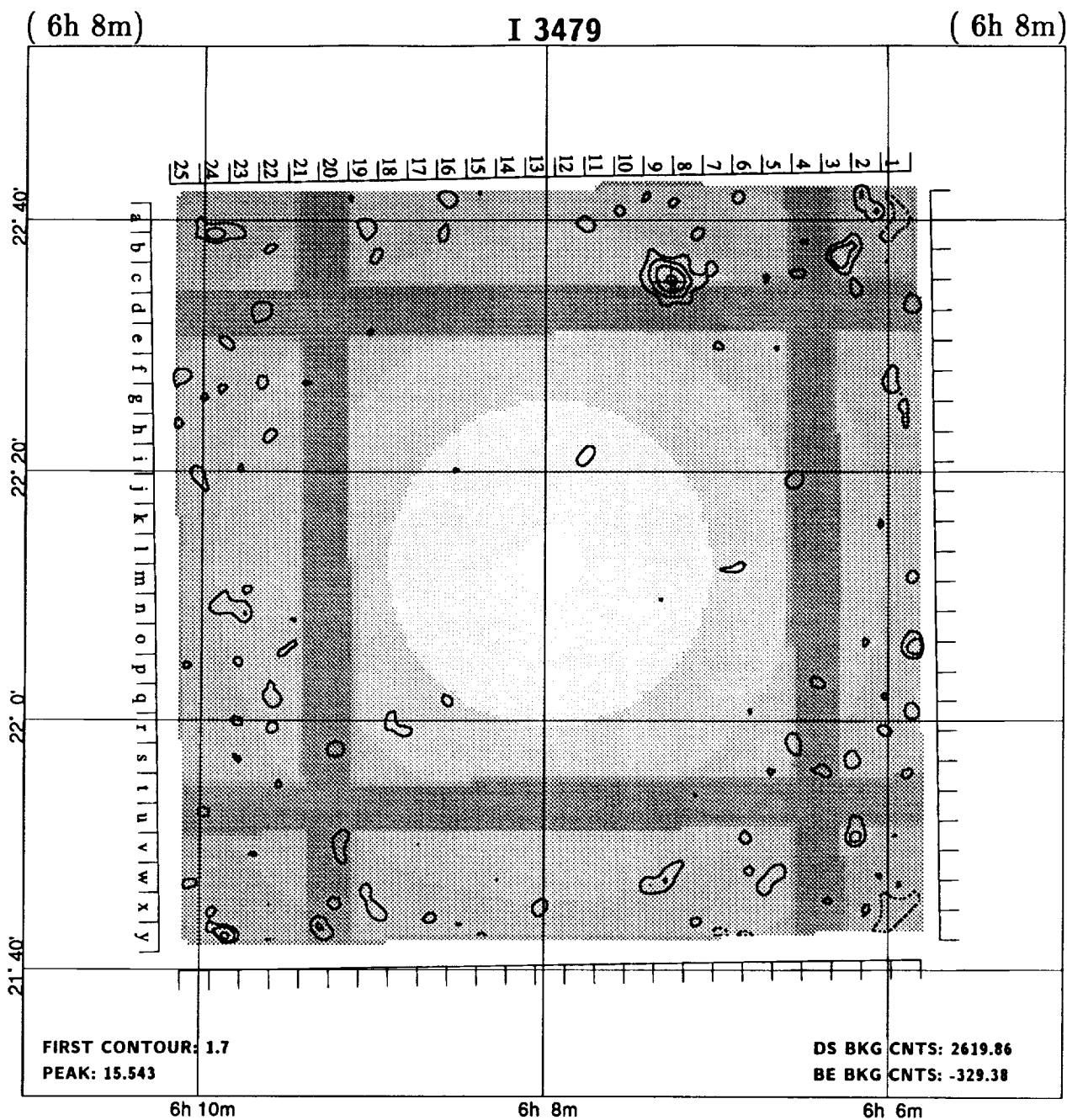
0607-015: LOW FREQ VAR EXTRAGAL RADIO SOURCES

FIELD CENTER: $06^h 07^m 25.6^s$ $-15^\circ 42' 20''$ (B1950)
 $06^h 09^m 40.5^s$ $-15^\circ 42' 58''$ (J2000)
 $l: 222.62$ $b: -16.19$

DATE: 1981/101 - 1981/101
 LIVETIME: 6215.6s
 ROLL ANGLE: 73.0°

NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS: CLS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1608	1L	06 07 25.7	-15 41 54	31	0.0292	0.0033	135.4	36.6	8.8	1.1	0	0.4	A	Q



CG189+1 GAMMA RAY SOURCE

FIELD CENTER: 06^h08^m00.0^s 22°11'59" (B1950)
 06^h11^m01.0^s 22°11'18" (J2000)
 l : 188.71 b : 1.58

DATE: 1979/ 86 - 1979/ 86
LIVETIME: 2122.9s
ROLL ANGLE: 89.1°

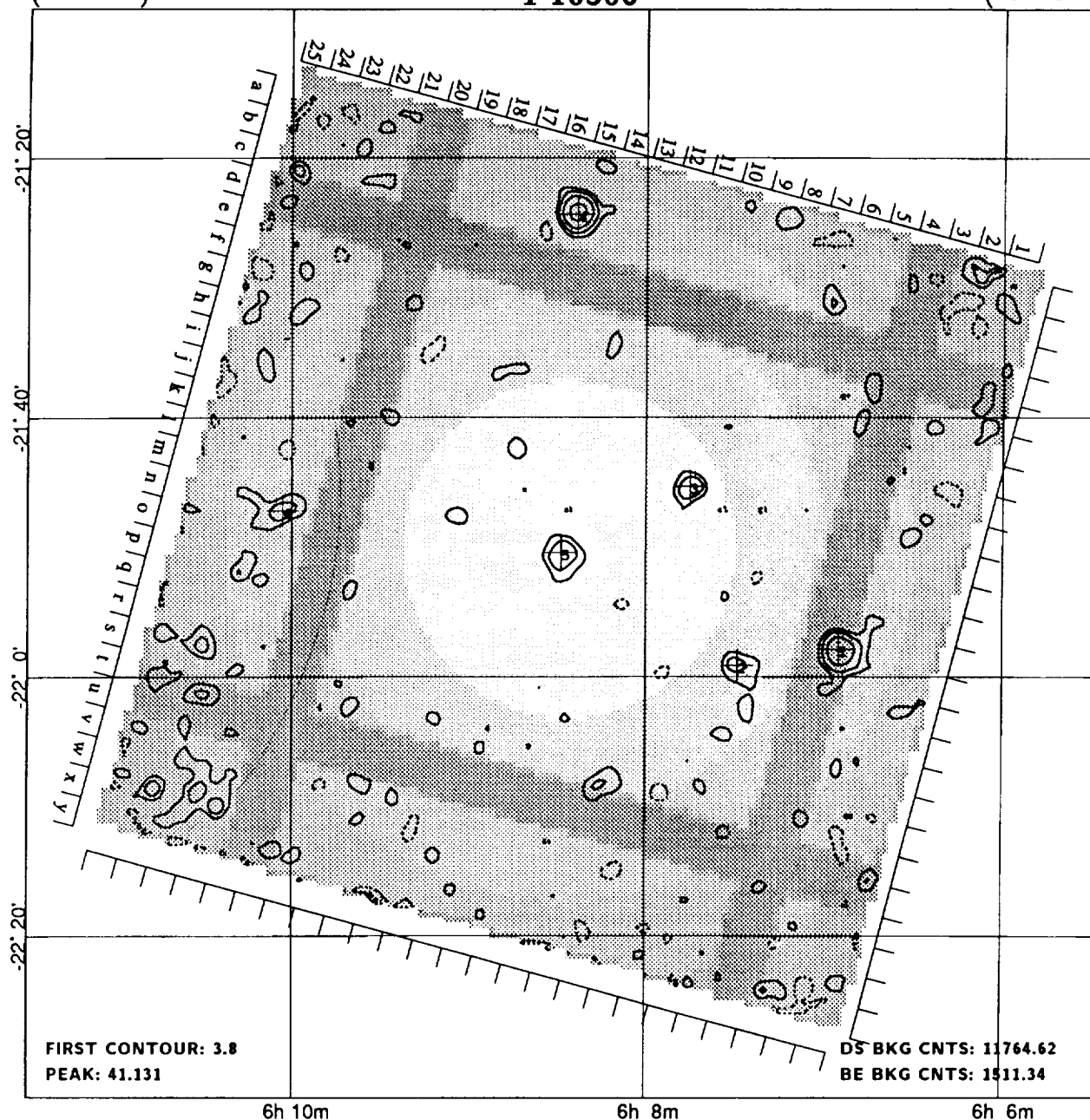
NH: 5.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1607	1	06 07 16.2	22 35 04	51	*0.0366	0.0065	34.0	3.0	5.6	1.1	703	25.4	H	

(6h 8m)

I 10306

(6h 8m)



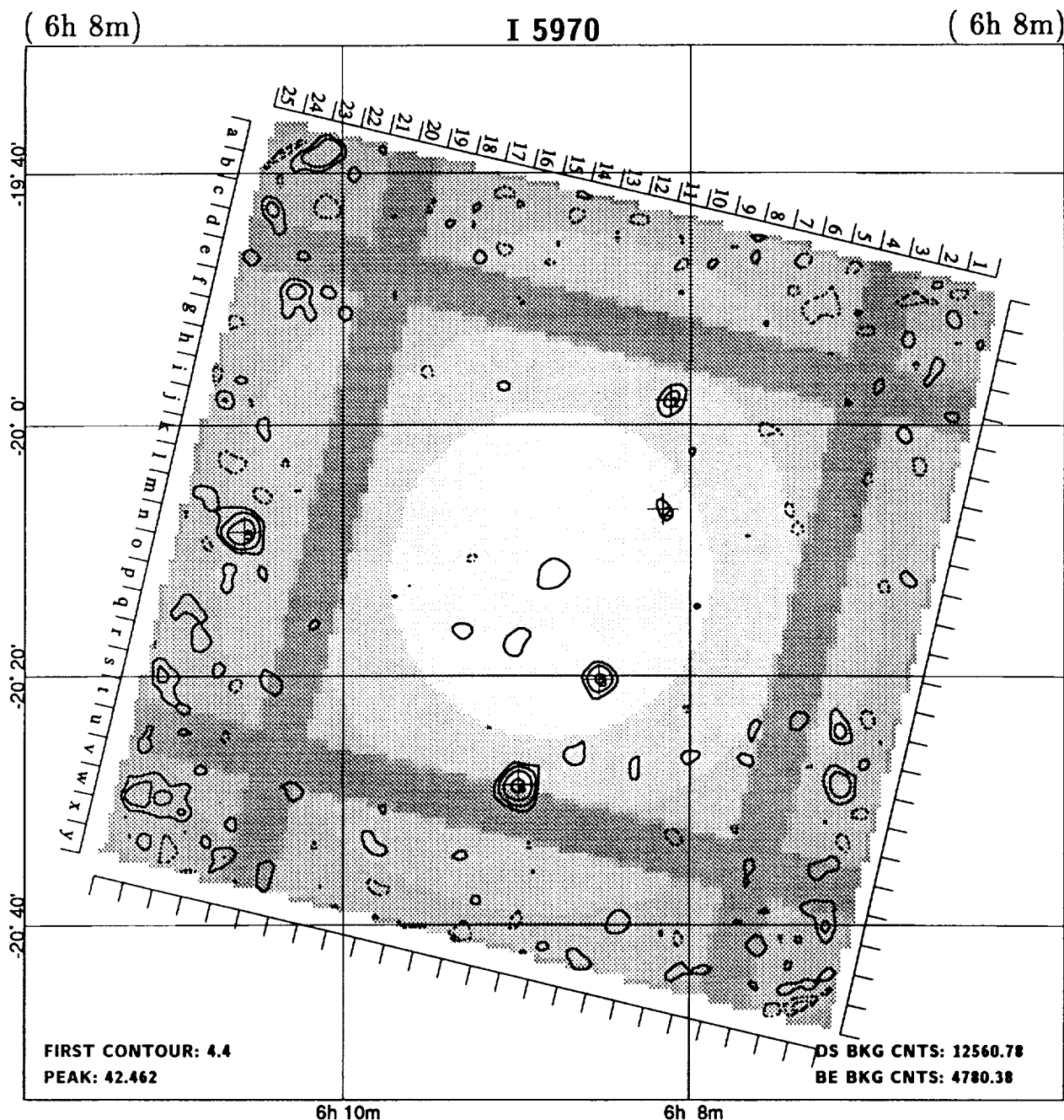
G 229, SOLAR NEIGHBORHOOD FLARE STARS

FIELD CENTER: $06^h 08^m 28.0^s$ $-21^\circ 50' 35''$ (B1950)
 $06^h 10^m 34.9^s$ $-21^\circ 51' 17''$ (J2000)
 $l: 228.60$ $b: -18.43$

DATE: 1981/ 60 - 1981/ 60
 LIVETIME: 9533.2s
 ROLL ANGLE: 105.0°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1606	1	06 06 54.7	-21 57 51	50	*0.0181	0.0022	81.6	14.4	8.3	1.2	1309	22.7	H	
1609	2	06 07 28.8	-21 59 07	55	0.0056	0.0014	30.8	25.2	4.1	0.8	0	16.2		
1610	3	06 07 45.0	-21 45 20	41	0.0077	0.0014	48.4	33.6	5.4	0.7	0	11.4	H	
1614	4	06 08 23.4	-21 24 21	48	0.0232	0.0027	92.2	23.8	8.6	1.0	0	26.0	H	
1615	5	06 08 28.6	-21 50 28	35	0.0084	0.0014	60.0	34.0	6.2	1.0	0	0.7	H	S
1620	6	06 10 03.0	-21 47 11	53	0.0058	0.0016	25.6	22.4	3.7	1.2	0	22.5	H	G



Beta Lyrae Type Stars: V LEP

FIELD CENTER: 06^h08^m50.0^s -20°11'52" (B1950)
06^h10^m59.2^s -20°12'36" (J2000)
l: 227.05 b: -17.71

DATE: 1981/ 61 - 1981/ 62
LIVETIME: 10178.3s
ROLL ANGLE: 103.2°

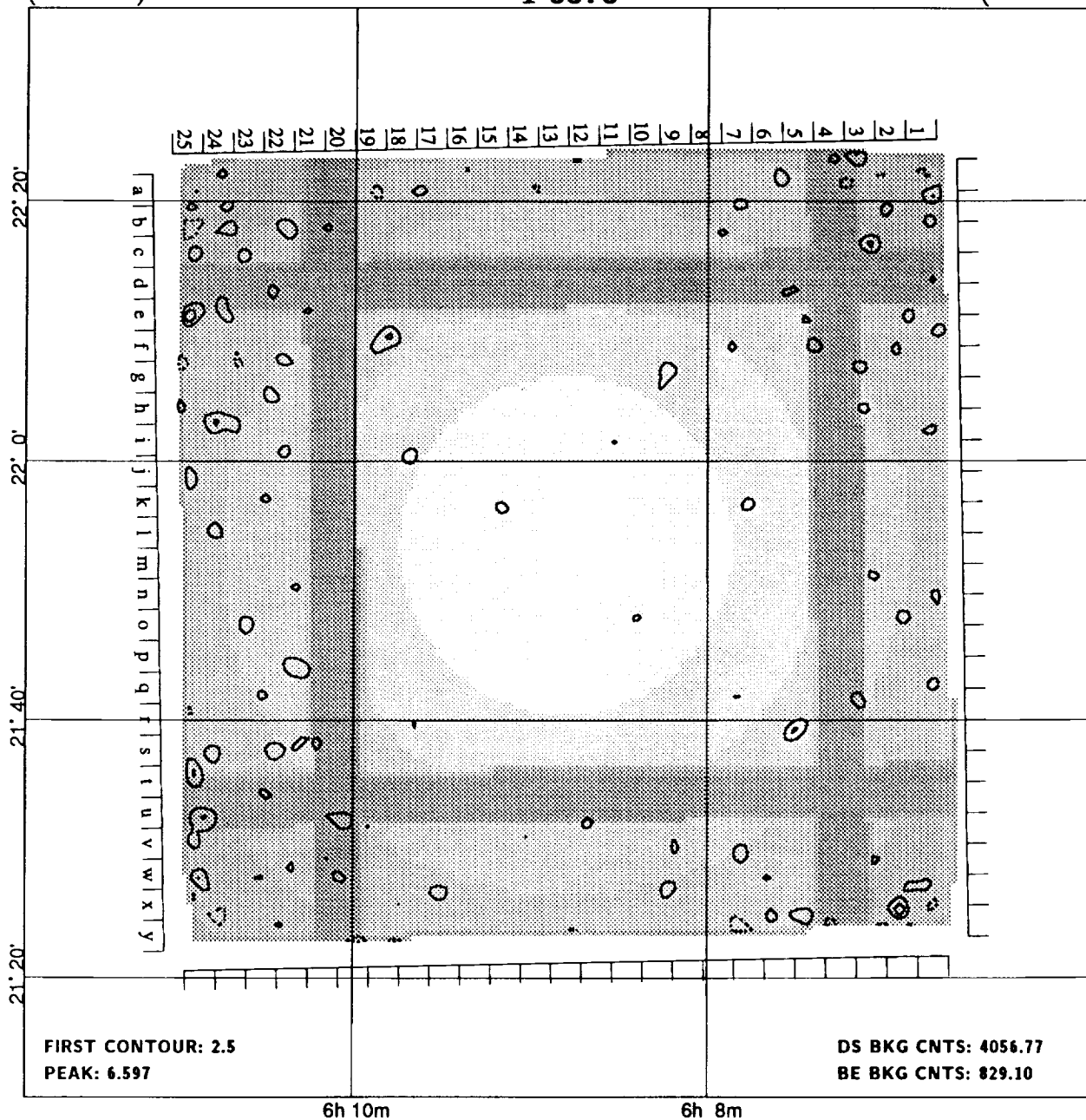
NH: 9.1E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1612	1L	06 08 06.8	-19 58 01	52	0.0065	0.0018	37.3	32.7	3.5	0.7	0	17.2		
1613	2L	06 08 09.5	-20 06 43	46	0.0054	0.0015	36.1	29.9	3.5	0.4	0	10.8		
1617	3L	06 08 31.5	-20 20 17	41	0.0091	0.0018	62.7	40.3	5.0	0.8	0	9.4		
1618	4L	06 08 59.5	-20 28 44	48	*0.0240	0.0033	136.6	31.4	7.1	1.0	805	17.1		
1621	5L	06 10 33.9	-20 08 31	50	0.0165	0.0028	72.0	34.0	5.8	1.1	0	24.5		

(6h 8m)

I 8373

(6h 8m)



FIELD CENTER: 06^h08^m50.0^s 21°52'51" (B1950)
06^h11^m50.5^s 21°52'06" (J2000)
ℓ: 189.08 b: 1.60

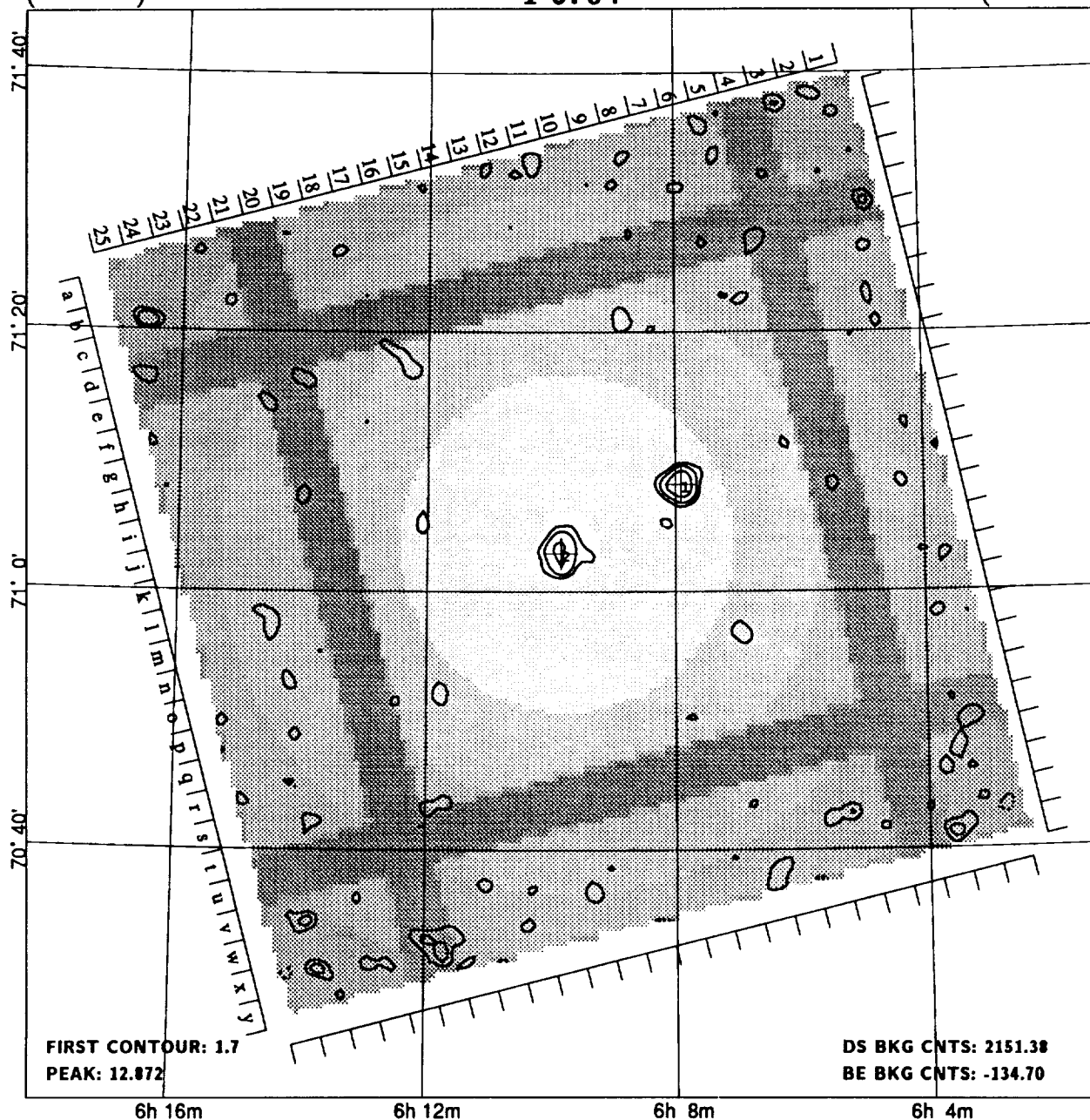
DATE: 1981/ 85 - 1981/ 85
LIVETIME: 3287.3s
ROLL ANGLE: 88.9°

NH: 5.2E+21
REF/ID:
FIELD FLAGS:

(6h 9m)

I 6704

(6h 9m)



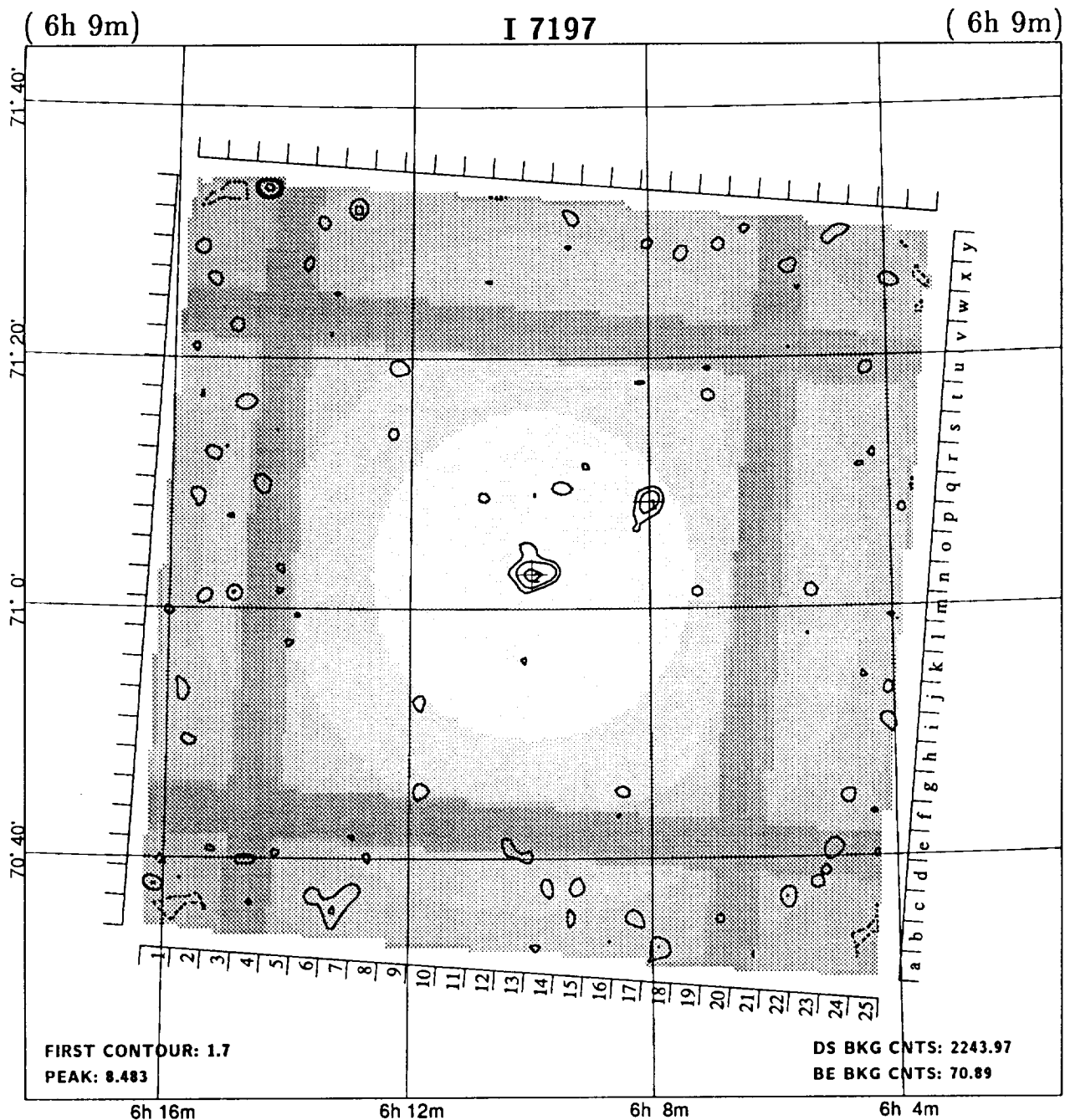
SEYFERT SURVEY: MKN 3

FIELD CENTER: 06^h09^m48.1^s 71°02'59" (B1950)
06^h15^m36.0^s 71°02'03" (J2000)
ℓ: 143.30 b: 22.72

DATE: 1980/ 69 - 1980/ 69
LIVETIME: 1743.3s
ROLL ANGLE: 75.9°

NH: 8.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1611	1	06 07 54.6	71 08 18	41	0.0373	0.0059	43.2	3.8	6.3	0.9	0	10.7	AH	
1619	2	06 09 50.8	71 02 59	35	0.0285	0.0050	36.9	5.1	5.7	1.1	0	0.4	AH	



FIELD CENTER: 06^h09^m48.1^s 71°02'59" (B1950)
06^h15^m36.0^s 71°02'04" (J2000)
ℓ: 143.30 b: 22.72

DATE: 1980/273 - 1980/273
LIVETIME: 1818.3s
ROLL ANGLE: -85.7°

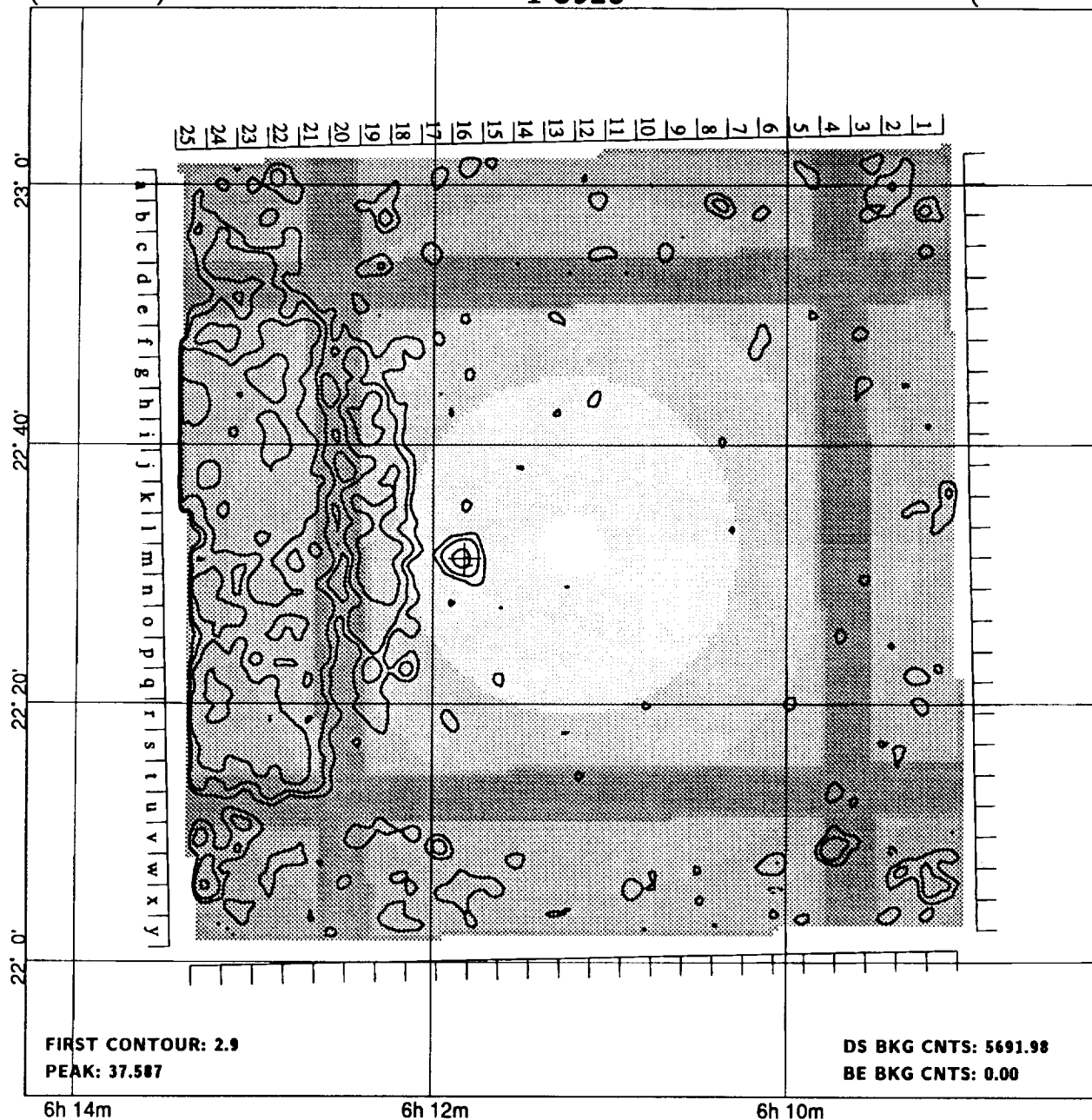
NH: 8.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1611	1	06 08 00.5	71 08 33	43	0.0169	0.0042	20.0	5.0	4.0	0.8	0	10.8	AH	
1619	2	06 09 58.3	71 02 46	35	0.0226	0.0044	30.6	5.4	5.1	1.1	0	0.4	AH	

(6h 11m)

I 5928

(6h 11m)



RADIO PULSAR PROJECT:

FIELD CENTER: 06^h11^m15.0^s 22°31'41" (B1950)
06^h14^m16.4^s 22°30'46" (J2000)
 ℓ : 188.78 b : 2.40

DATE: 1981/ 85 - 1981/ 85
LIVETIME: 4612.4s
ROLL ANGLE: 88.8°

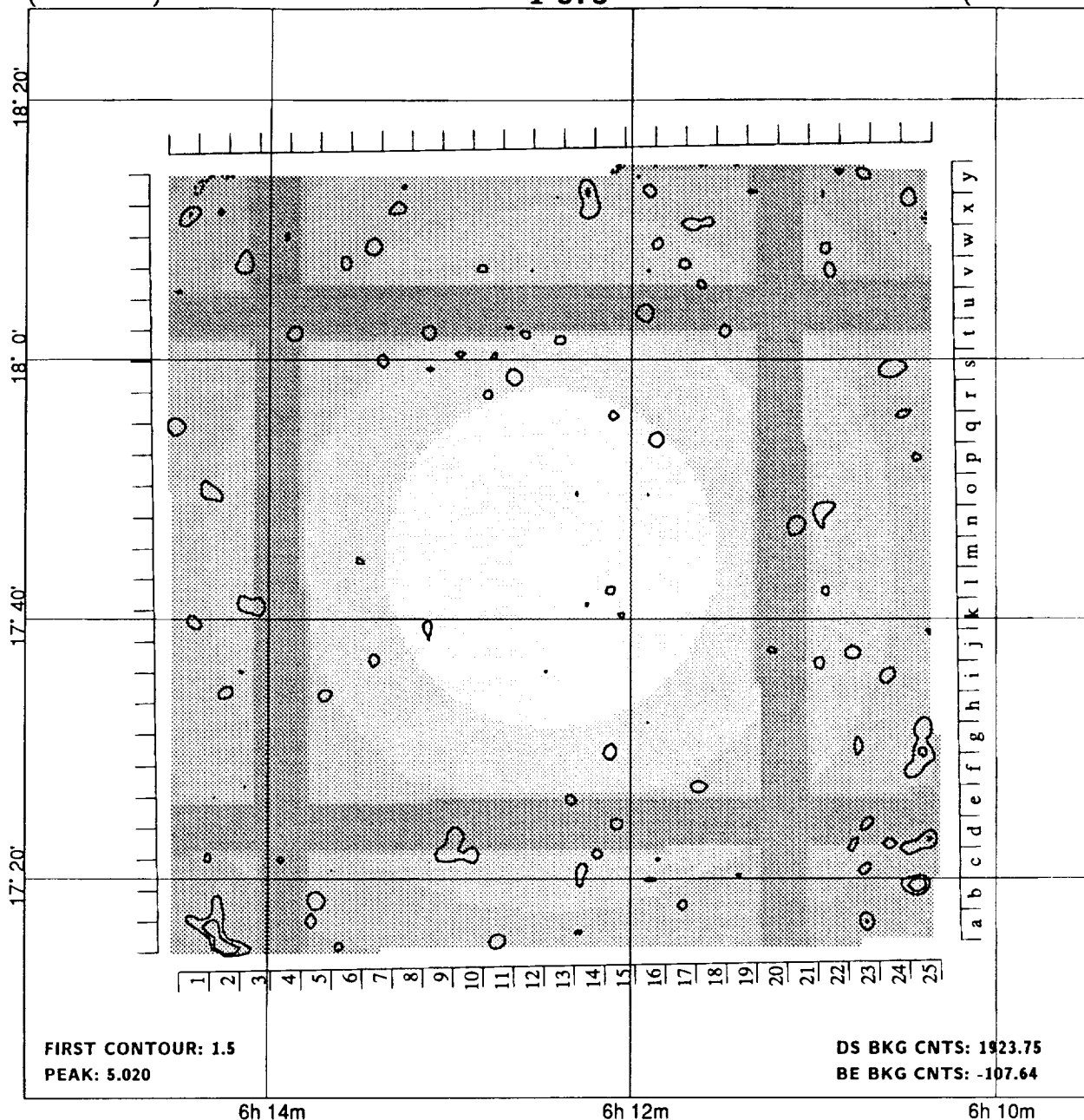
NH: 5.0E+21
REF/ID:
FIELD FLAGS: DLS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1623	1L	06 11 49.4	22 31 13	41	0.0167	0.0033	52.5	22.5	5.0	1.1	0	8.0	

(6h 12m)

I 875

(6h 12m)

**EG 046 (L1244-26) STELLAR OBSERVATIONS, WHITE DWARFS**

FIELD CENTER: $06^h 12^m 24.0^s$ $17^\circ 44' 59''$ (B1950)
 $06^h 15^m 19.1^s$ $17^\circ 43' 59''$ (J2000)
 $l: 193.10$ $b: 0.33$

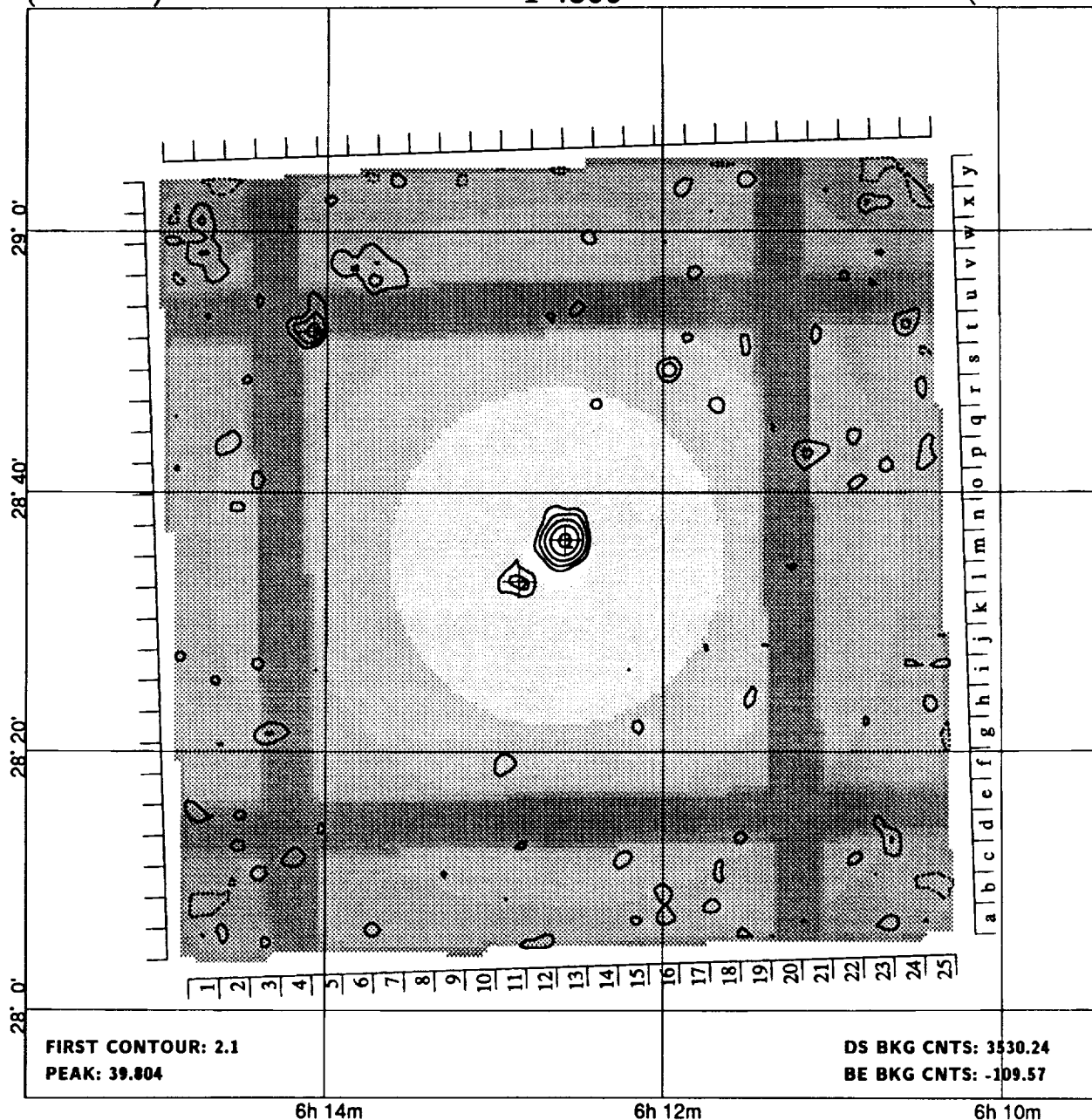
DATE: 1979/265 - 1979/265
LIVETIME: 1558.9s
ROLL ANGLE: -90.9°

NH: $6.1E+21$
REF/ID:
FIELD FLAGS:

(6h 12m)

I 4500

(6h 12m)



KR AUR

FIELD CENTER: $06^h 12^m 35.0^s$ $28^\circ 35' 17''$ (B1950)
 $06^h 15^m 45.0^s$ $28^\circ 34' 15''$ (J2000)
 $l: 183.59$ $b: 5.56$

DATE: 1979/263 - 1979/264

NH: $3.7E+21$

LIVETIME: 2860.6s

REF/ID:

ROLL ANGLE: -91.8°

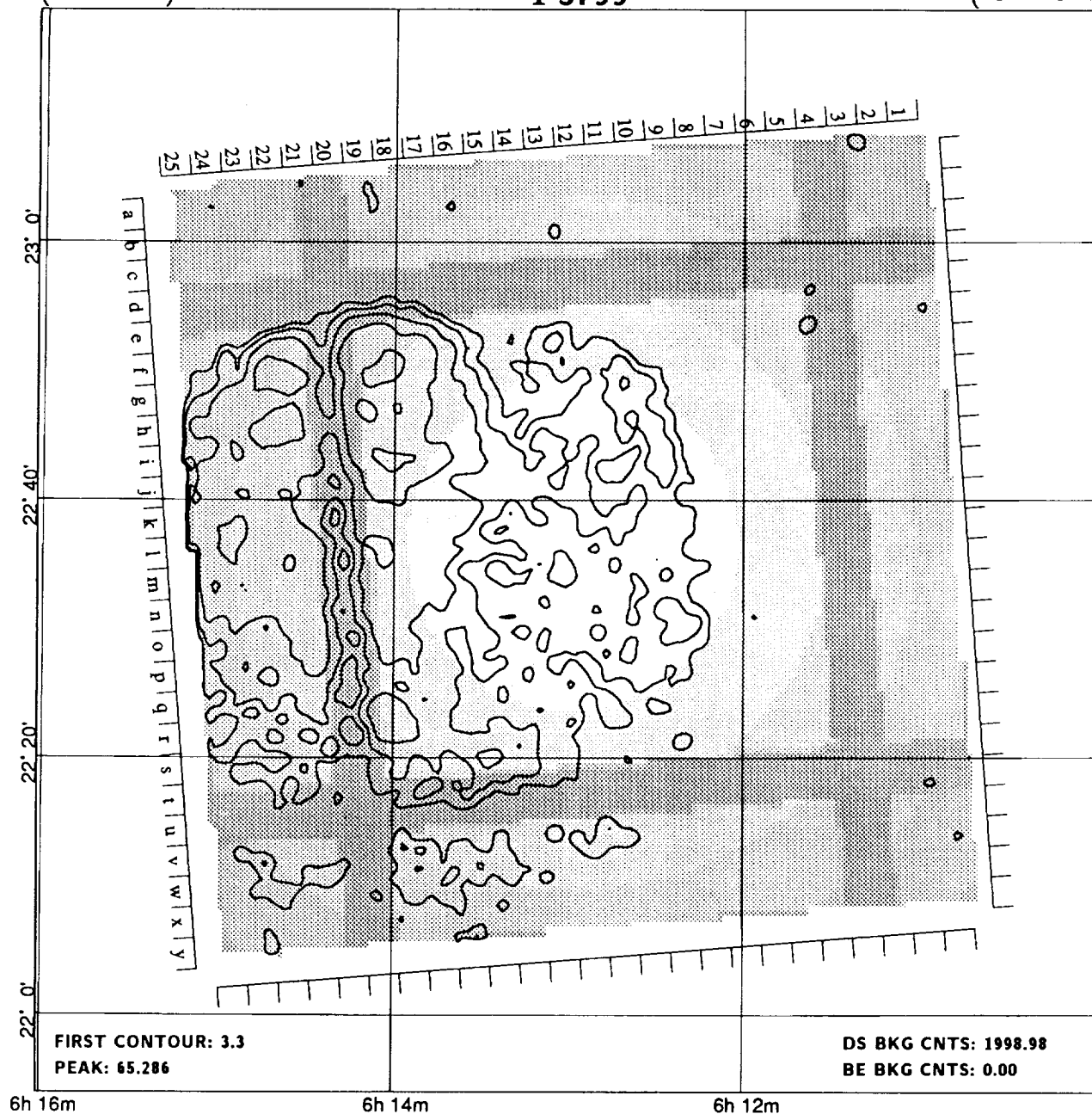
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1626	1	06 12 35.0	28 36 20	31	0.0734	0.0060	155.7	8.3	12.2	1.1	0	1.2	H
1627	2	06 12 51.4	28 33 06	39	0.0090	0.0025	18.8	9.2	3.6	0.8	0	4.1	
1628	3	06 14 04.7	28 52 21	55	*0.0140	0.0039	16.6	4.4	3.6	1.0	1509	26.4	

(6h 13m)

I 3799

(6h 13m)



IC443 SUPERNOVA REMNANT

FIELD CENTER: $06^{\text{h}}13^{\text{m}}00.0^{\text{s}}$ $22^{\circ}35'59''$ (B1950)
 $06^{\text{h}}16^{\text{m}}01.5^{\text{s}}$ $22^{\circ}34'56''$ (J2000)
 $l: 188.91$ $b: 2.79$

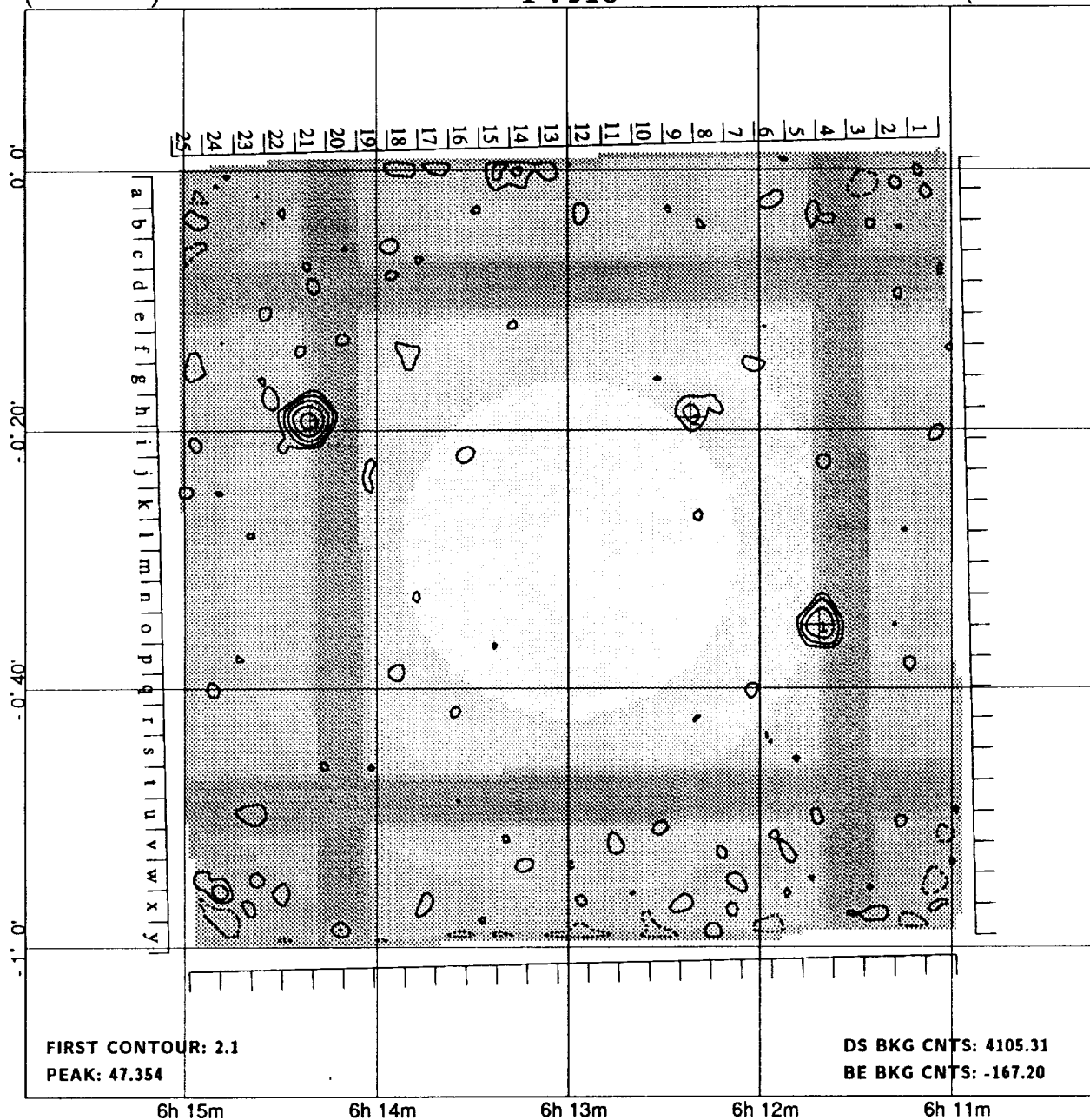
DATE: 1979/ 87 - 1979/ 87
 LIVETIME: 1619.8s
 ROLL ANGLE: 85.6°

NH: $5.0\text{E}+21$
 REF/ID: !
 FIELD FLAGS: LS

(6h 13m)

I 7910

(6h 13m)



HD 43318, CORONAL ACTIVITY IN F, G, & K STARS

FIELD CENTER: 06^h13^m01.6^s -00°29'30" (B1950)
 06^h15^m34.7^s -00°30'33" (J2000)
 ℓ : 209.27 b : -8.27

DATE: 1980/ 83 - 1980/ 83
 LIVETIME: 3446.1s
 ROLL ANGLE: 88.8°

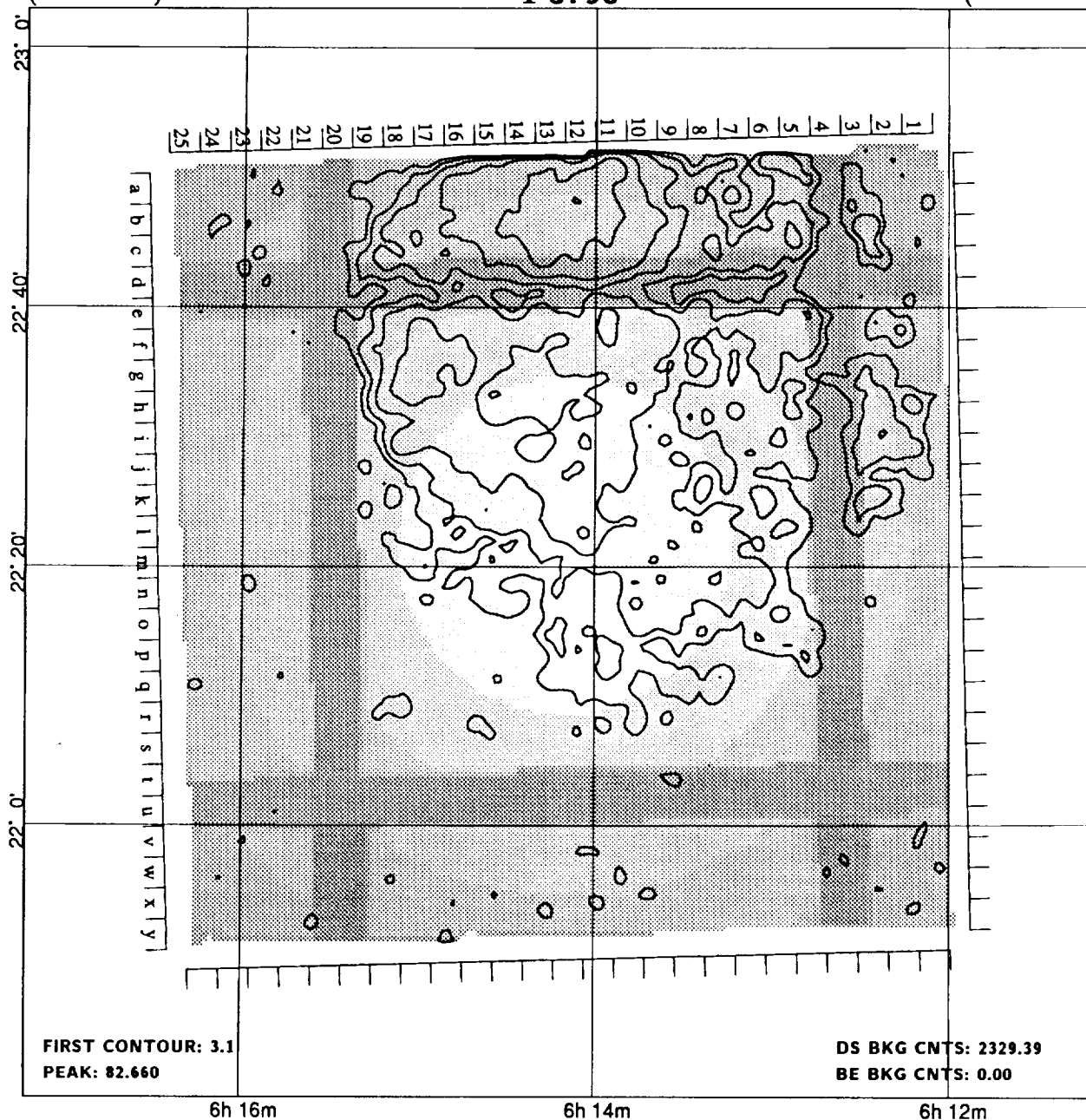
NH: 2.9E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1622	1	06 11 41.4	-00 35 02	50	*0.0294	0.0043	51.1	4.9	6.8	1.0	803	20.6	H	
1625	2	06 12 21.5	-00 19 02	46	0.0085	0.0024	17.8	7.2	3.6	0.8	0	14.7	H	
1629	3	06 14 20.9	-00 19 15	48	*0.0636	0.0064	102.7	5.3	9.9	1.0	906	22.4	H	

(6h 14m)

I 3798

(6h 14m)



IC443 SUPERNOVA REMNANT

FIELD CENTER: $06^h 14^m 12.0^s$ $22^\circ 20' 59''$ (B1950)
 $06^h 17^m 13.1^s$ $22^\circ 19' 51''$ (J2000)
 $l: 189.27$ $b: 2.91$

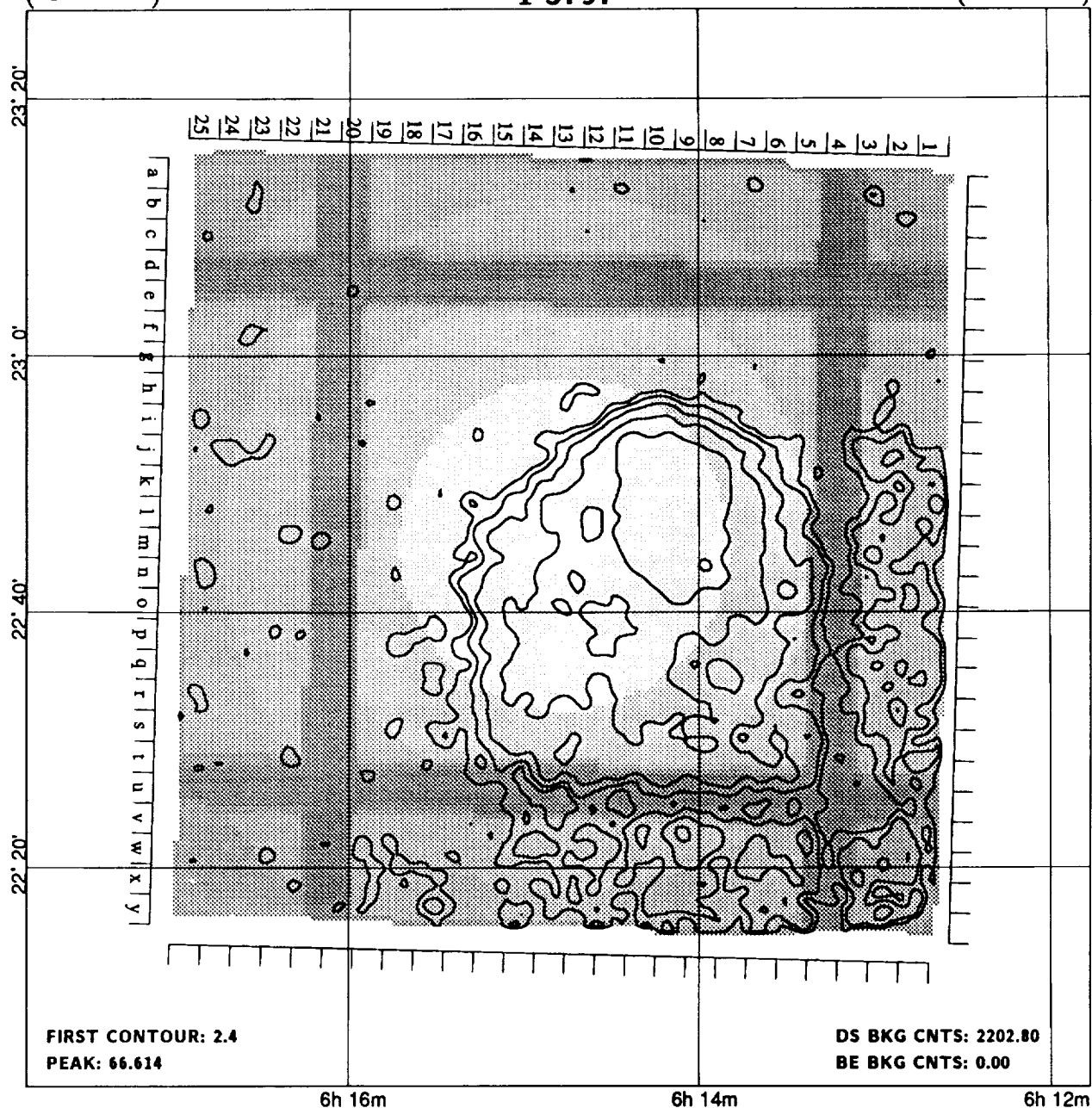
DATE: 1979/ 87 - 1979/ 87
LIVETIME: 1887.6s
ROLL ANGLE: 88.5°

NH: $5.1E+21$
REF/ID: !
FIELD FLAGS: DLS

(6h 14m)

I 3797

(6h 14m)



IC443 SUPERNOVA REMNANT

FIELD CENTER: $06^h 14^m 48.0^s$ $22^\circ 44' 59''$ (B1950)
 $06^h 17^m 49.7^s$ $22^\circ 43' 48''$ (J2000)
 $l: 188.98$ $b: 3.22$

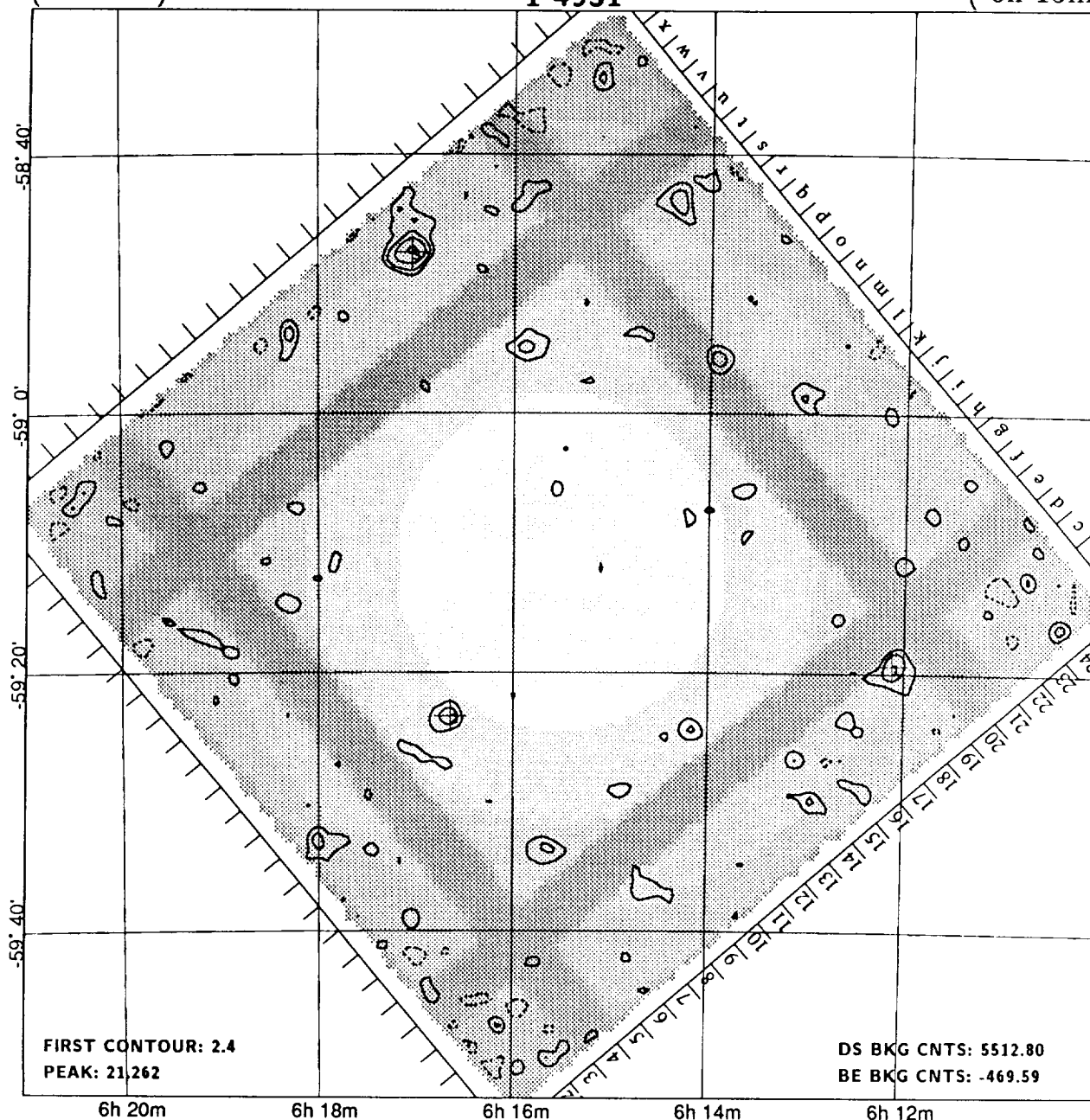
DATE: 1979/ 87 - 1979/ 87
 LIVETIME: 1785.0s
 ROLL ANGLE: 91.4°

NH: $4.9E+21$
 REF/ID: !
 FIELD FLAGS: DLS

(6h 15m)

I 4931

(6h 15m)



BPM18164: CORONAL EMISSION FROM HE-RICH WHITE DWARFS

FIELD CENTER: $06^{\text{h}}15^{\text{m}}30.0^{\text{s}}$ $-59^{\circ}10'59''$ (B1950)
 $06^{\text{h}}16^{\text{m}}11.9^{\text{s}}$ $-59^{\circ}12'08''$ (J2000)
 $l: 268.16$ $b: -27.48$

DATE: 1979/310 - 1979/311
 LIVETIME: 4467.2s
 ROLL ANGLE: -130.3°

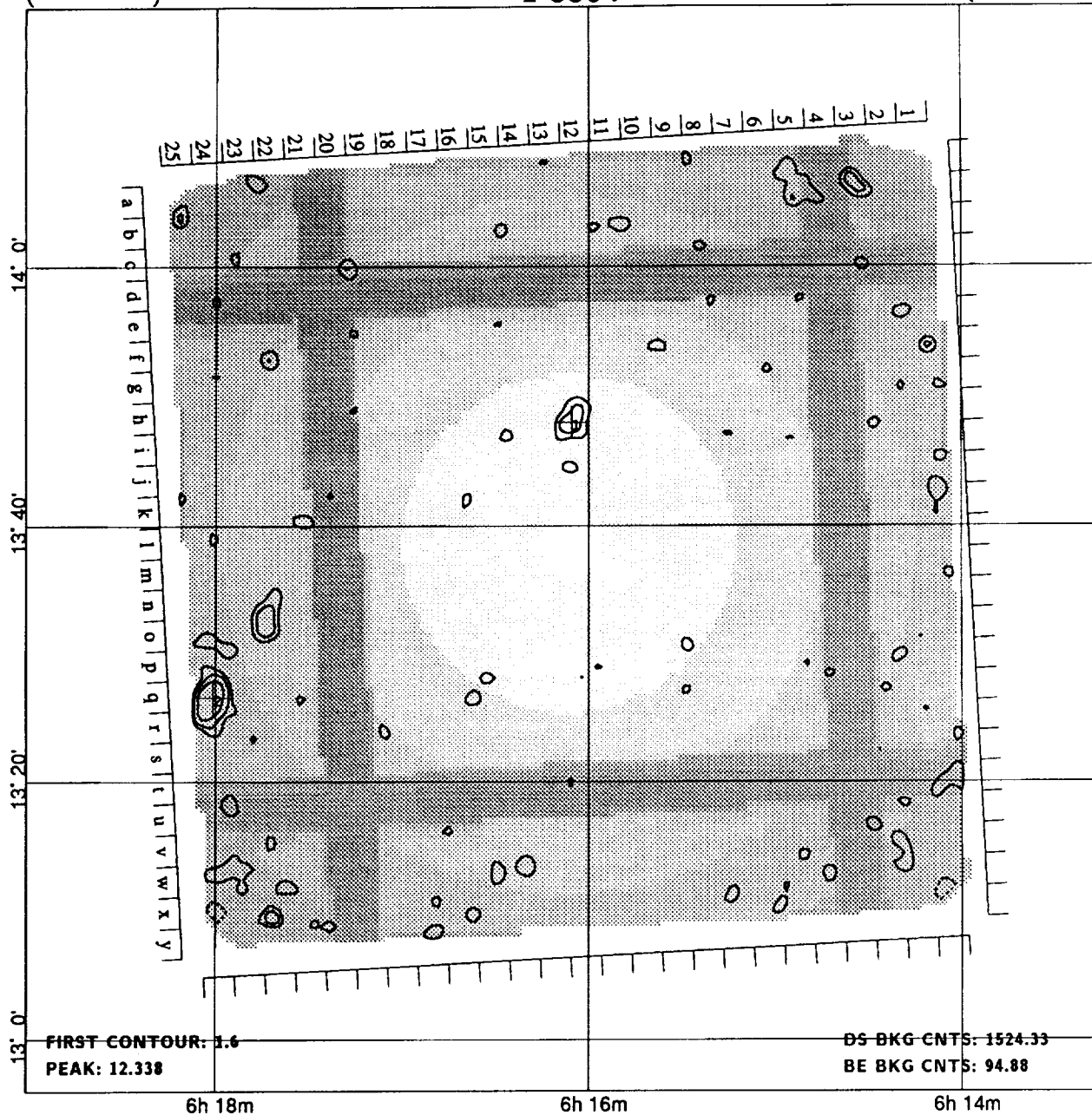
NH: $4.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1624	1	06 12 07.4	-59 19 22	56	*0.0110	0.0029	19.5	7.5	3.8	1.1	904	27.1	H	
1632	2	06 16 38.8	-59 23 20	52	0.0078	0.0021	20.7	10.3	3.7	0.7	0	15.3	H	
1633	3	06 17 02.6	-58 47 32	50	0.0210	0.0038	37.8	9.2	5.5	1.3	0	26.8	H	

(6h 16m)

I 5304

(6h 16m)



SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $06^h 16^m 08.0^s$ $13^\circ 37' 59''$ (B1950)
 $06^h 18^m 57.9^s$ $13^\circ 36' 43''$ (J2000)
 $l: 197.14$ $b: -0.85$

DATE: 1980/ 92 - 1980/ 92
 LIVETIME: 1235.2s
 ROLL ANGLE: 87.0°

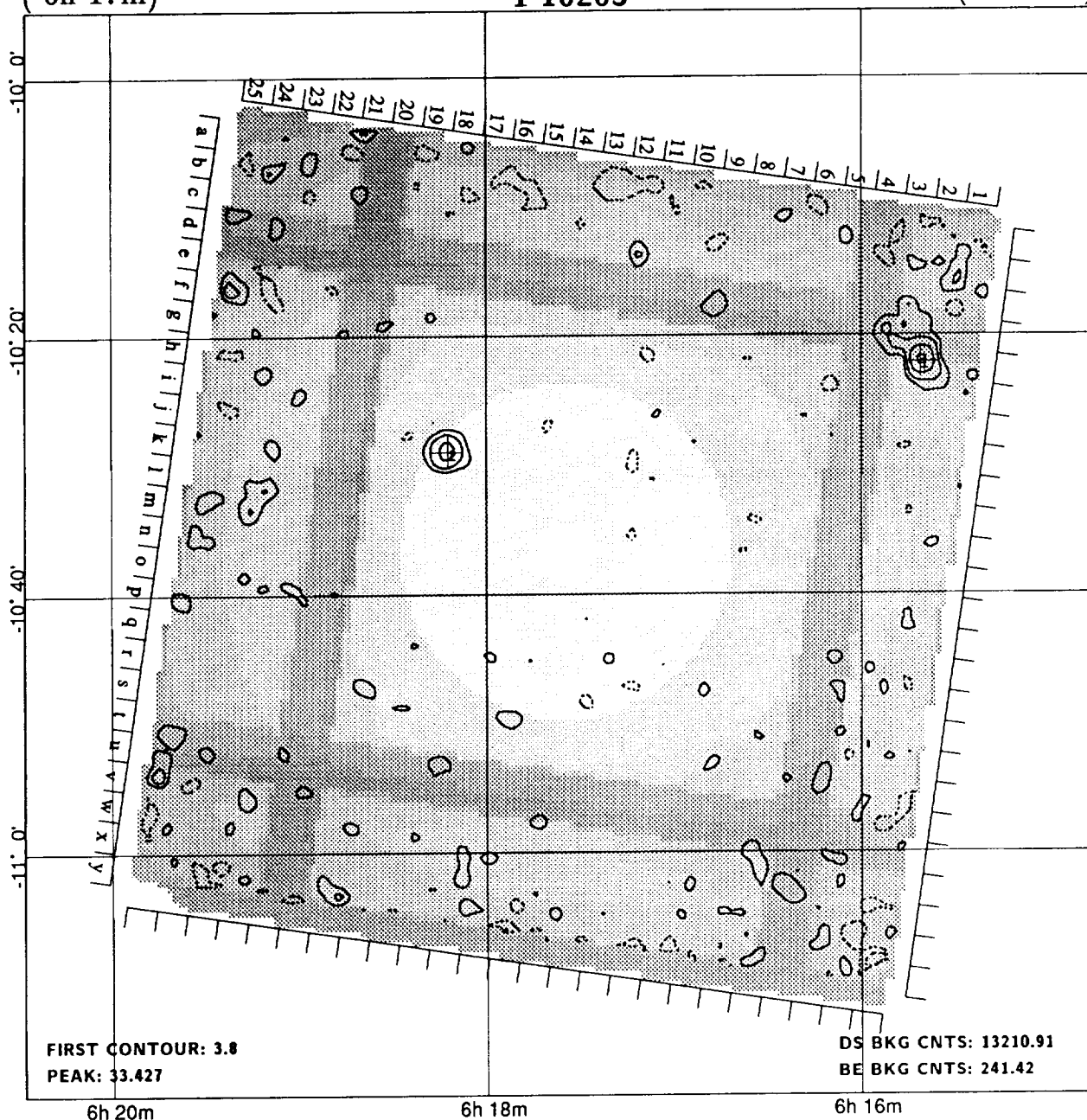
NH: $6.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1631	1	06 16 05.4	13 47 51	43	0.0225	0.0056	18.7	3.3	4.0	0.9	0	9.8	H
1634	2	06 18 00.9	13 26 34	51	*0.062	0.013	26.3	2.7	4.9	1.3	603	29.9	H

(6h 17m)

I 10203

(6h 17m)



HD 44179, X-RAY OBS OF BIPOLAR NEBULAE

FIELD CENTER: $06^{\text{h}}17^{\text{m}}37.0^{\text{s}}$ $-10^{\circ}36'51''$ (B1950)
 $06^{\text{h}}19^{\text{m}}58.2^{\text{s}}$ $-10^{\circ}38'13''$ (J2000)
 $l: 218.97$ $b: -11.76$

DATE: 1981/ 66 - 1981/ 66
 LIVETIME: 10705.2s
 ROLL ANGLE: 98.3°

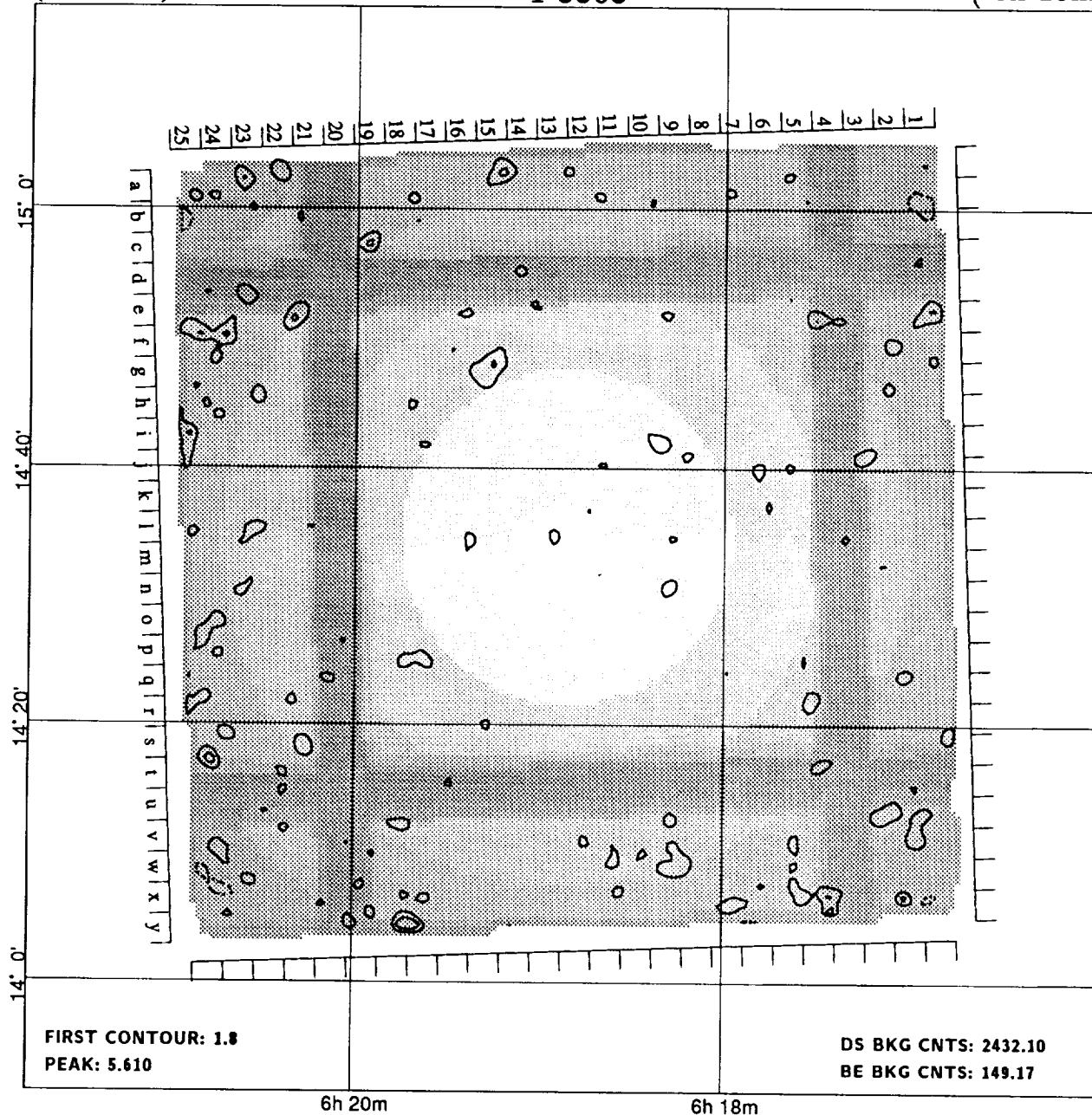
NH: $2.9\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1630	1	06 15 41.3	-10 22 03	50	*0.0151	0.0023	53.1	14.9	6.4	1.5	906	32.0	H
1635	2	06 18 12.4	-10 28 58	41	0.0101	0.0014	68.9	27.1	7.0	1.0	0	11.9	H

(6h 18m)

I 5305

(6h 18m)



SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $06^h 18^m 51.3^s$ $14^\circ 33' 35''$ (B1950)
 $06^h 21^m 42.3^s$ $14^\circ 32' 07''$ (J2000)
 $l: 196.64$ $b: 0.17$

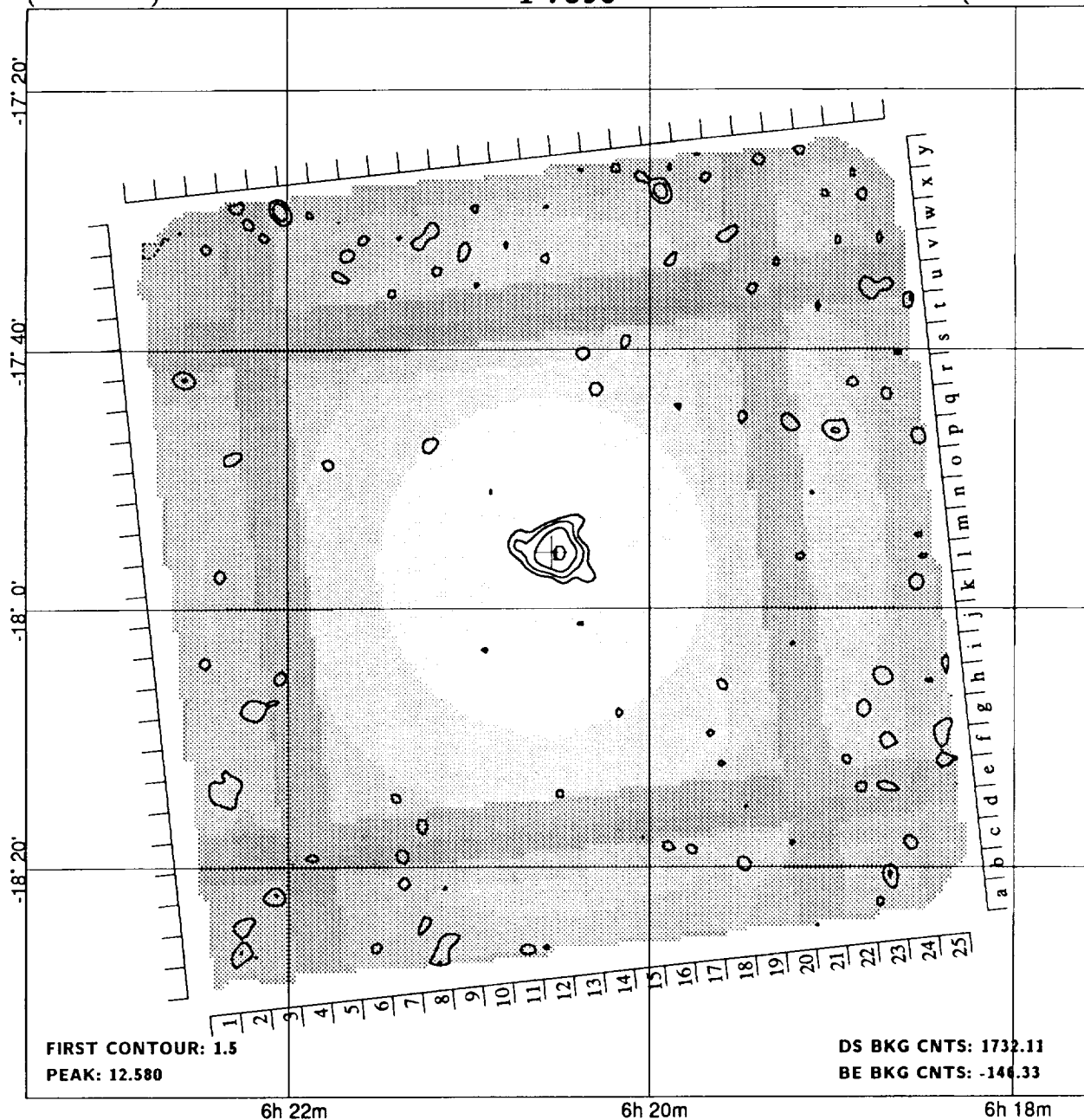
DATE: 1980/ 85 - 1980/ 85
 LIVETIME: 2041.6s
 ROLL ANGLE: 87.9°

NH: 5.5E+21
 REF/ID:
 FIELD FLAGS:

(6h 20m)

I 7896

(6h 20m)



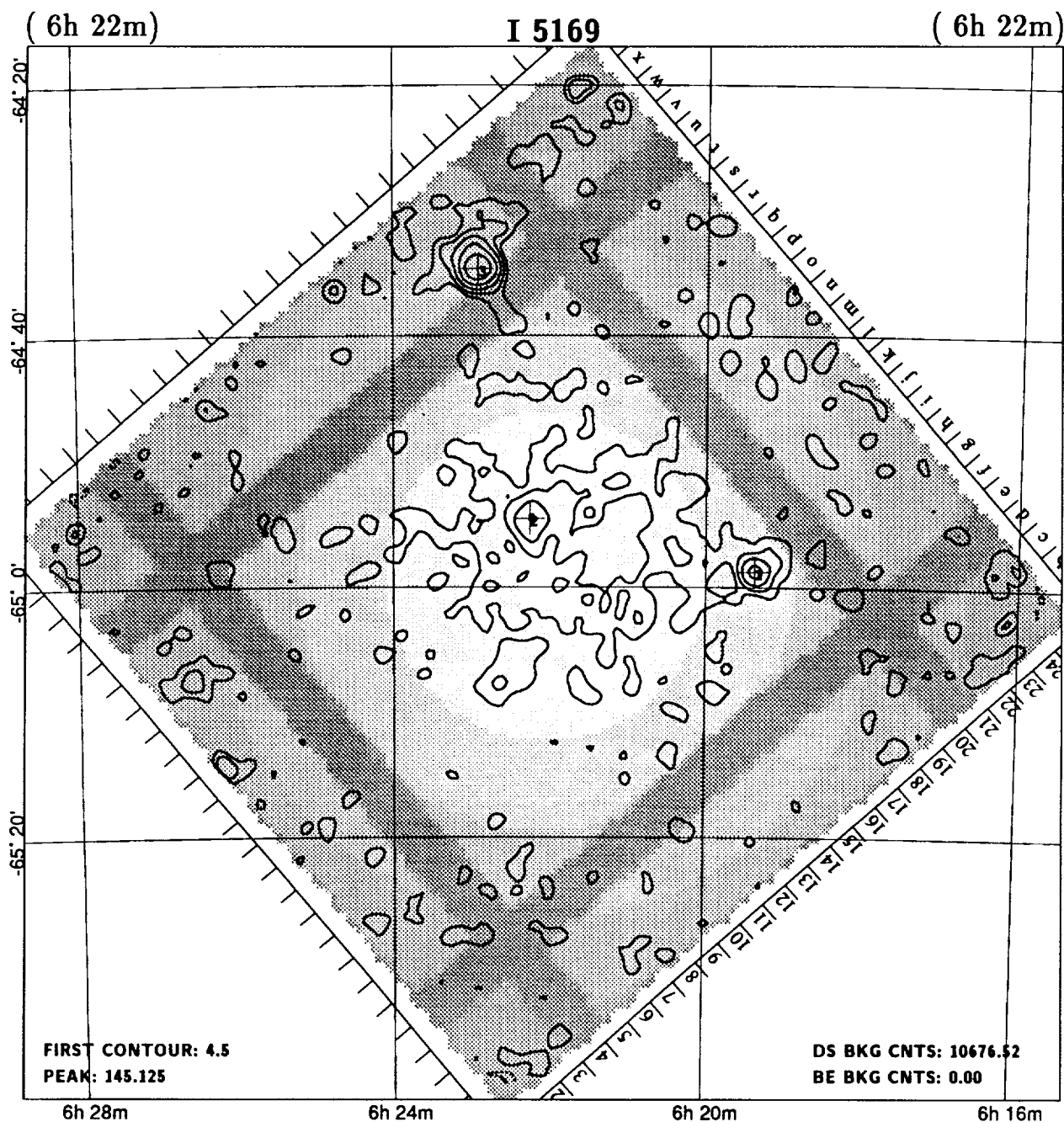
BETA CMA, BETA CEPHEI STARS

FIELD CENTER: $06^h 20^m 29.8^s$ $-17^\circ 55' 46''$ (B1950)
 $06^h 22^m 42.0^s$ $-17^\circ 57' 20''$ (J2000)
 ℓ : 226.06 b : -14.27

DATE: 1980/278 - 1980/278
 LIVETIME: 1403.6s
 ROLL ANGLE: -96.0°

NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1637	1	06 20 32.4	-17 55 38	35	0.0604	0.0078	63.2	3.8	7.7	1.7	0	0.7	H	S



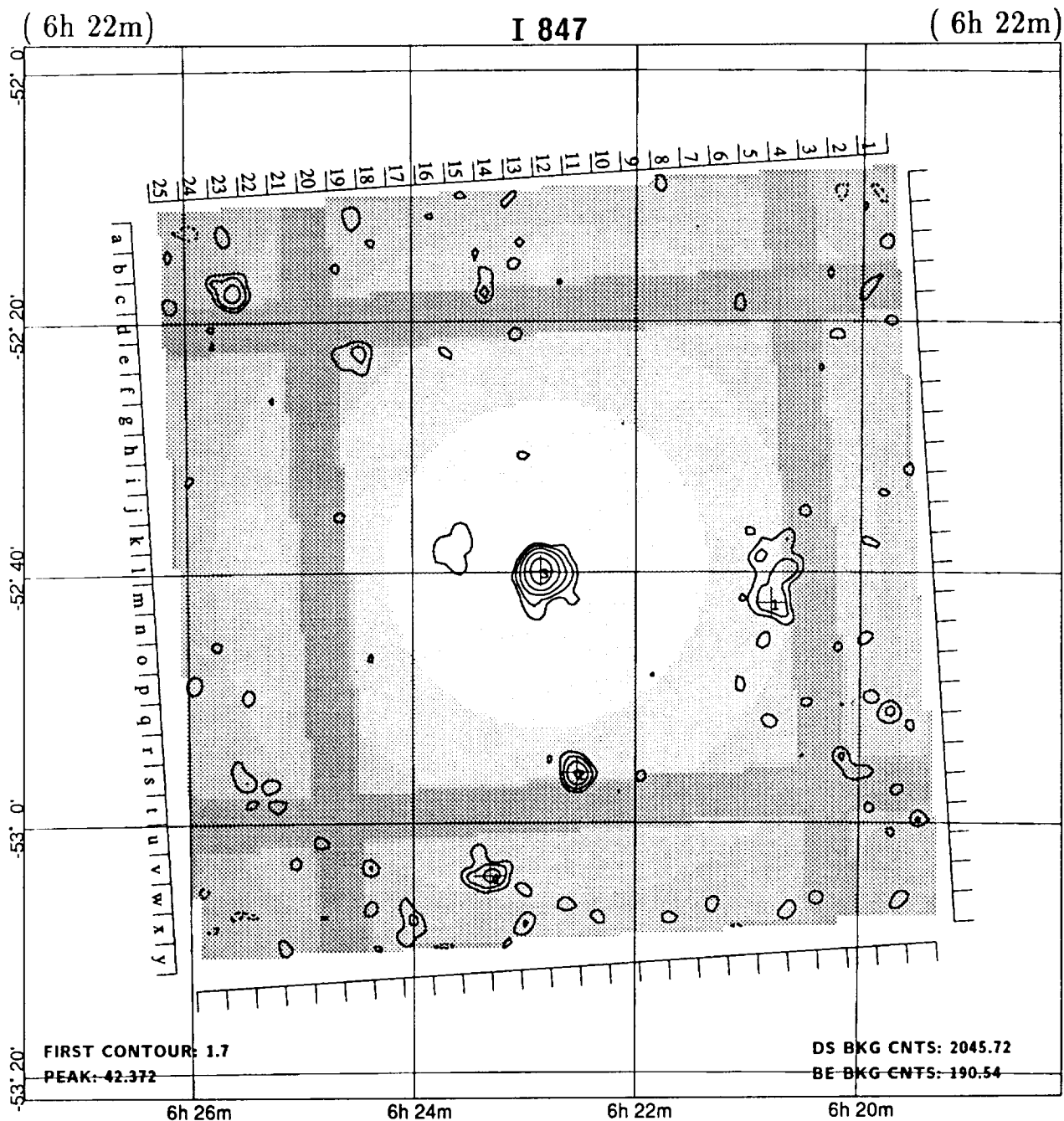
CLUSTER SC0622-64

FIELD CENTER: $06^h 22^m 04.0^s$ $-64^\circ 58' 59''$ (B1950)
 $06^h 22^m 15.1^s$ $-65^\circ 00' 36''$ (J2000)
 $l: 274.75$ $b: -27.45$

DATE: 1979/312 - 1979/312
 LIVETIME: 8651.5s
 ROLL ANGLE: -130.8°

NH: $5.4E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1636	1L	06 19 22.7	-64 58 45	48	0.0227	0.0029	110.2	36.8	7.6	12.4	0	17.0		
1640	2L	06 22 15.6	-64 54 35	31	0.0169	0.0027	104.3	81.7	6.2	11.2	0	4.6		
1644	3L	06 22 55.0	-64 34 45	47	*0.0834	0.0062	307.4	45.8	13.2	1.5	501	24.8		

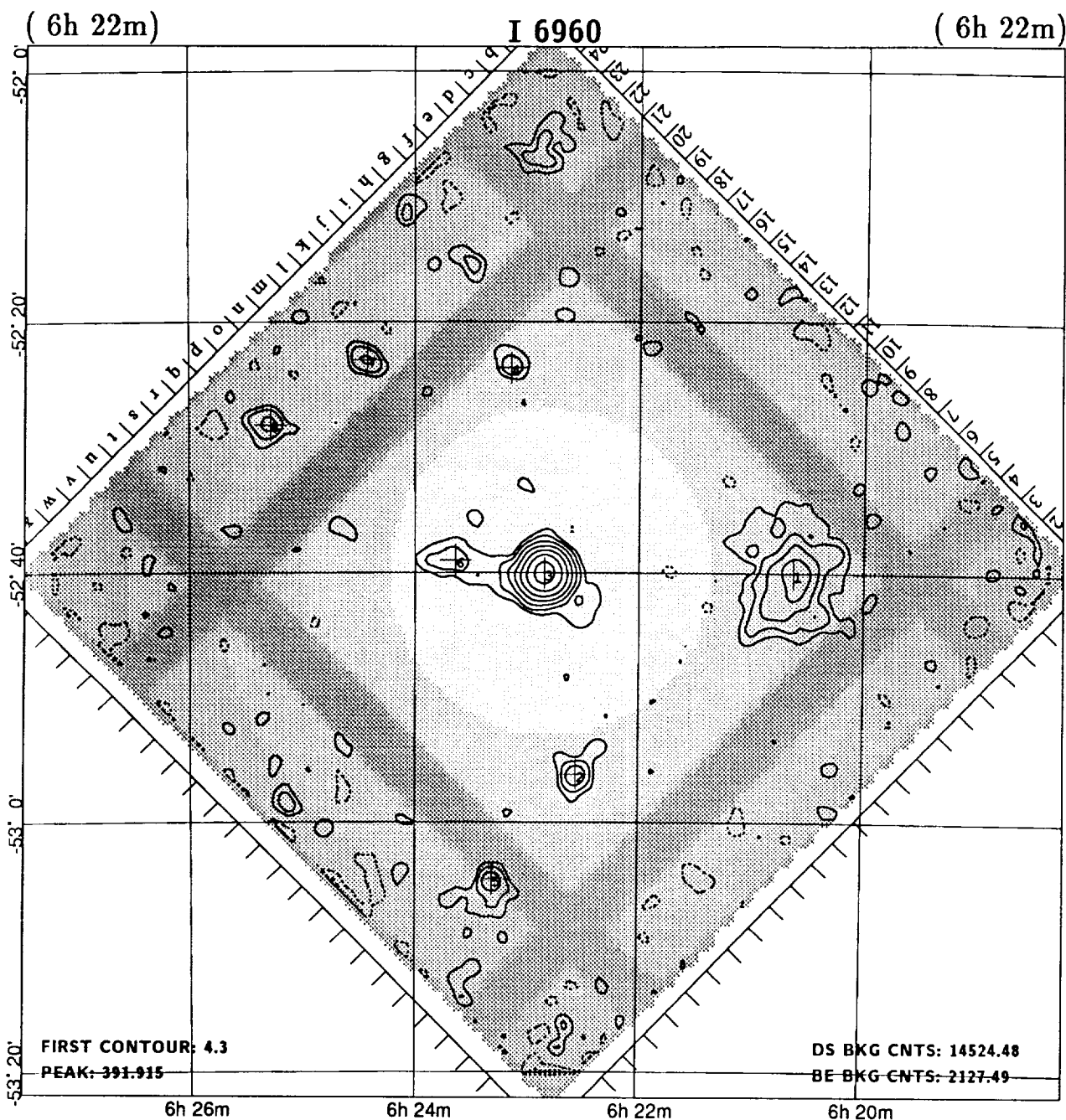


FIELD CENTER: $06^h 22^m 50.5^s$ $-52^\circ 40' 03''$ (B1950)
 $06^h 23^m 57.0^s$ $-52^\circ 41' 45''$ (J2000)
 $l: 261.21$ $b: -25.29$

DATE: 1979/ 88 - 1979/ 88
 LIVETIME: 1657.7s
 ROLL ANGLE: 86.5°

NH: $6.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1639	1	06 20 47.5	-52 42 29	53	0.0243	0.0056	21.6	3.4	4.3	2.6	100	18.4	aH	
1641	2	06 22 31.5	-52 55 56	50	*0.0354	0.0065	33.1	3.9	5.4	0.8	703	16.1	AH	*
1642	3	06 22 51.1	-52 39 54	31	0.155	0.011	191.2	5.8	13.6	1.2	0	0.2	AH	S
1647	4	06 23 18.4	-53 04 17	54	0.0261	0.0066	18.4	3.6	3.9	1.1	0	24.5	AH	



ALPHA CAR, STELLAR X-RAY VARIABILITY STUDIES

FIELD CENTER: $06^h 22^m 50.6^s$ $-52^\circ 40' 02''$ (B1950)
 $06^h 23^m 57.1^s$ $-52^\circ 41' 44''$ (J2000)
 $l: 261.21$ $b: -25.29$

DATE: 1980/ 39 - 1980/ 40
 LIVETIME: 11769.6s
 ROLL ANGLE: 134.7°

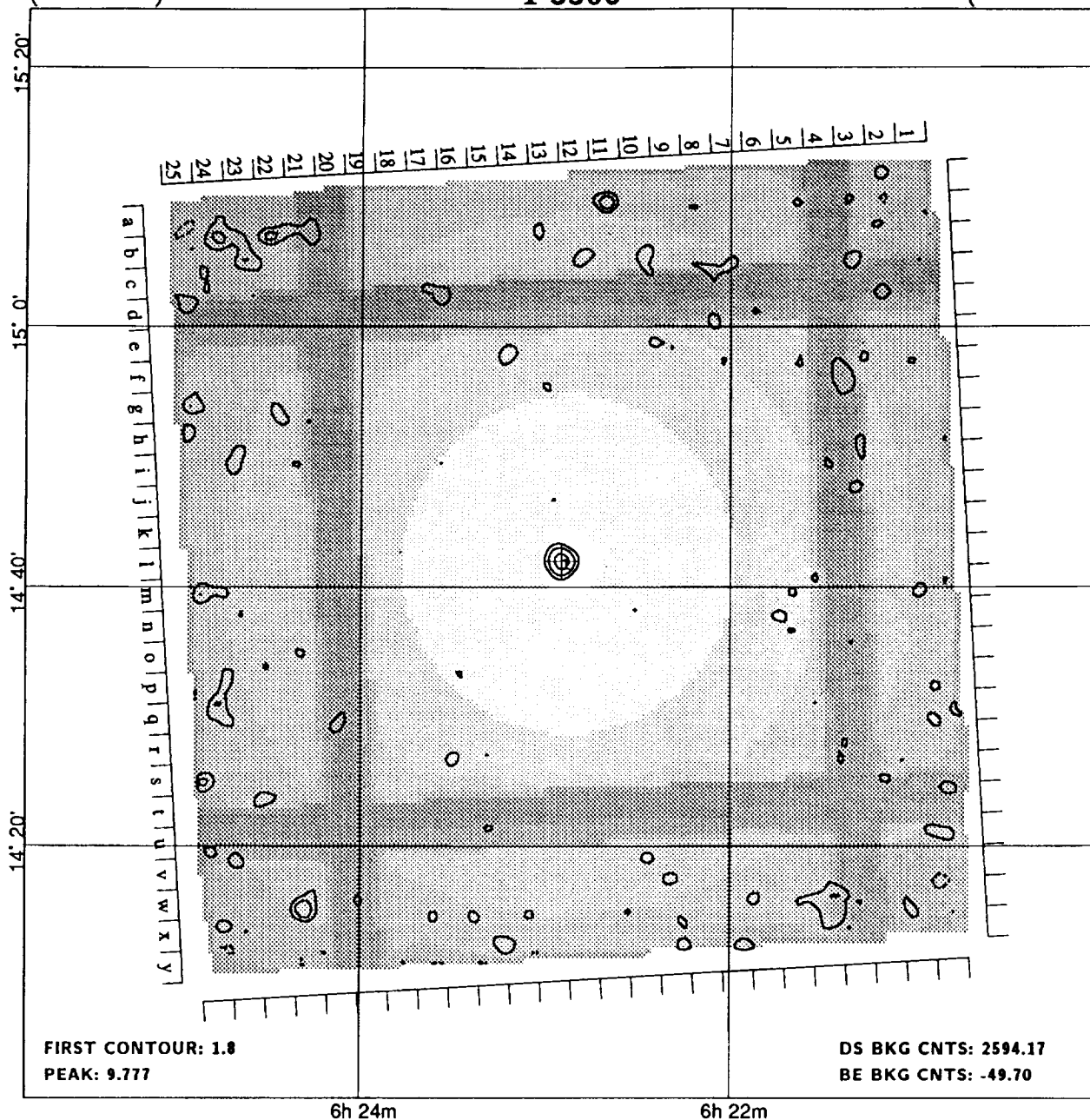
NH: $6.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1638	1	06 20 37.4	-52 40 01	48	0.0301	0.0024	183.5	29.5	12.6	3.6	0	20.1	aH	CLG
1641	2	06 22 33.5	-52 56 09	50	0.0117	0.0016	78.7	35.3	7.4	1.0	0	16.3	AH	*
1642	3	06 22 50.7	-52 40 00	31	0.1994	0.0048	1750.1	43.9	41.3	1.4	0	0.2	AH	S
1645	4	06 23 08.7	-52 23 40	51	0.0057	0.0012	38.1	29.9	4.6	0.8	100	16.6	H	
1647	5	06 23 18.4	-53 04 36	50	*0.0116	0.0017	58.4	14.6	6.8	1.3	1108	24.7	AH	
1648	6	06 23 38.3	-52 38 59	41	0.0071	0.0012	57.7	37.3	5.9	35.1	0	7.4	H	CLG
1652	7	06 24 25.3	-52 23 03	51	0.0092	0.0016	51.1	31.9	5.6	0.9	0	22.5	H	
1655	8	06 25 16.8	-52 28 14	51	0.0098	0.0018	48.5	26.5	5.6	1.0	0	25.2	H	

(6h 22m)

I 5306

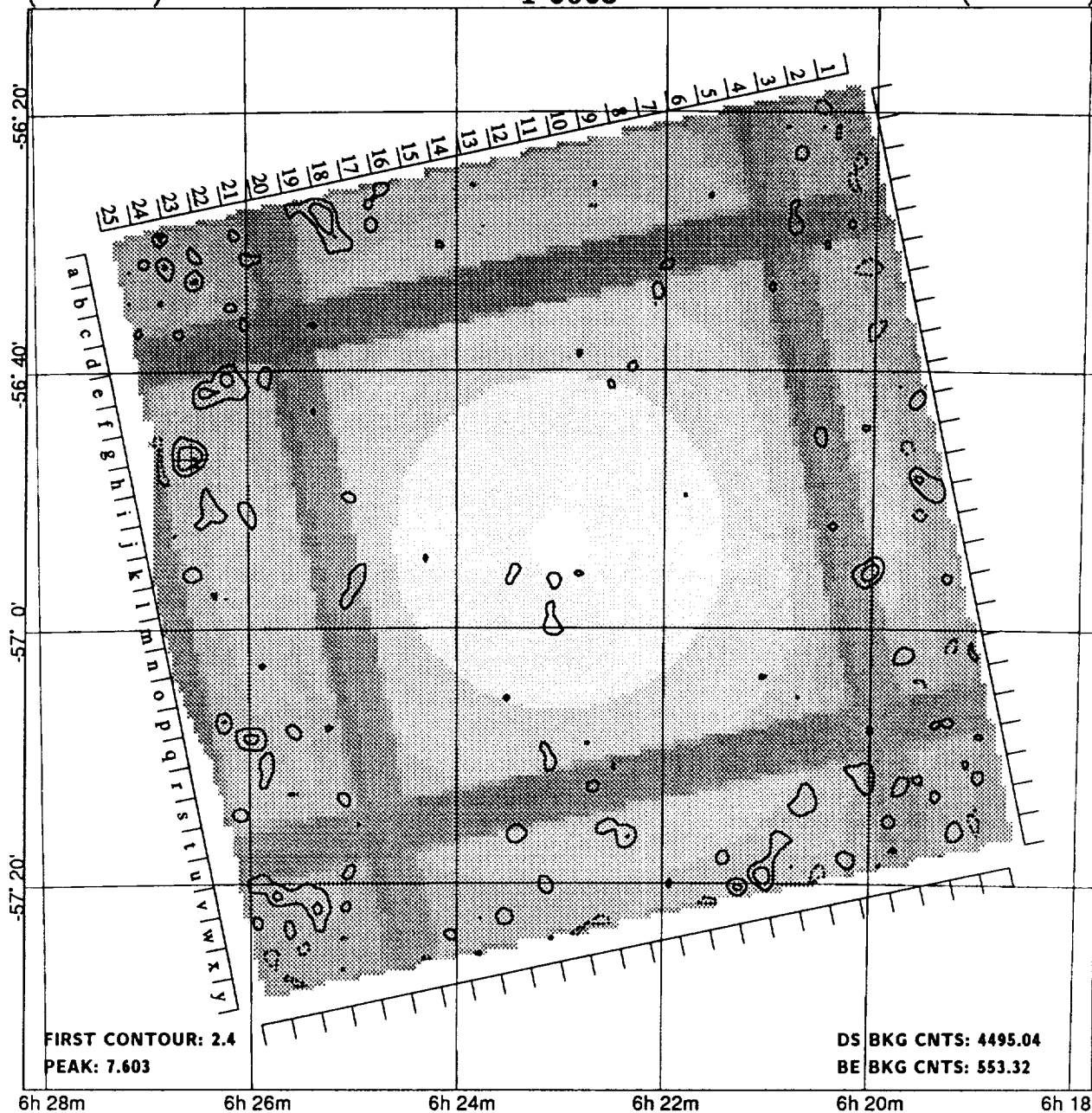
(6h 22m)



(6h 23m)

I 6065

(6h 23m)



SC 0627-54, DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: $06^h 23^m 00.0^s$ $-56^\circ 53' 59''$ (B1950)
 $06^h 23^m 51.7^s$ $-56^\circ 55' 42''$ (J2000)
 $l: 265.82$ $b: -26.13$

DATE: 1980/ 97 - 1980/ 97
 LIVETIME: 3773.3s
 ROLL ANGLE: 78.3°

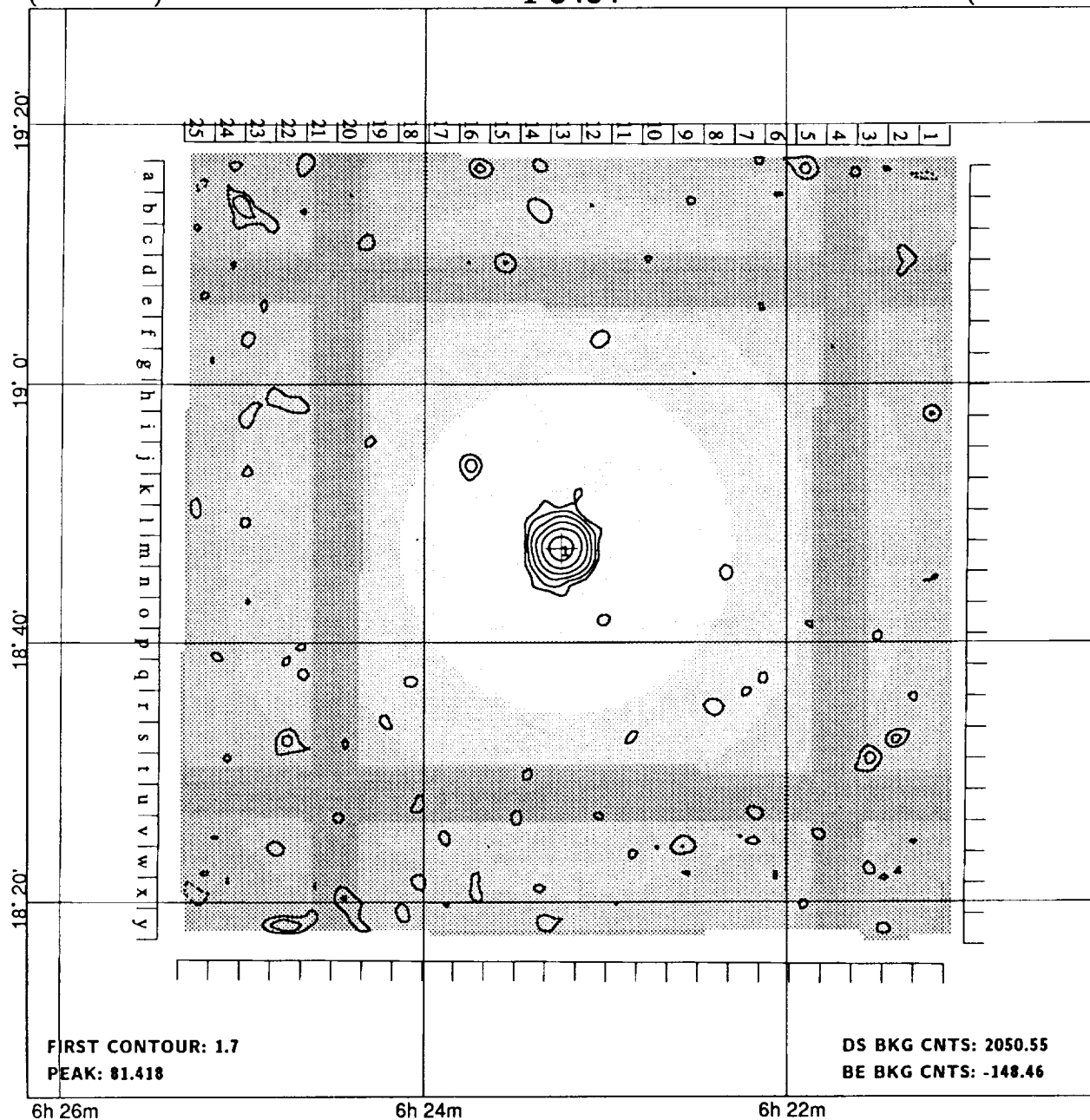
NH: $4.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1661	1	06 26 32.1	-56 46 47	58	0.0148	0.0039	19.9	7.1	3.8	0.9	0	30.2	H

(6h 23m)

I 5484

(6h 23m)



HD 045088

FIELD CENTER: $06^h 23^m 14.0^s$ $18^\circ 46' 59''$ (B1950)
 $06^h 26^m 10.3^s$ $18^\circ 45' 12''$ (J2000)
 $l: 193.41$ $b: 3.09$

DATE: 1980/ 92 - 1980/ 92
 LIVETIME: 1721.3s
 ROLL ANGLE: 90.4°

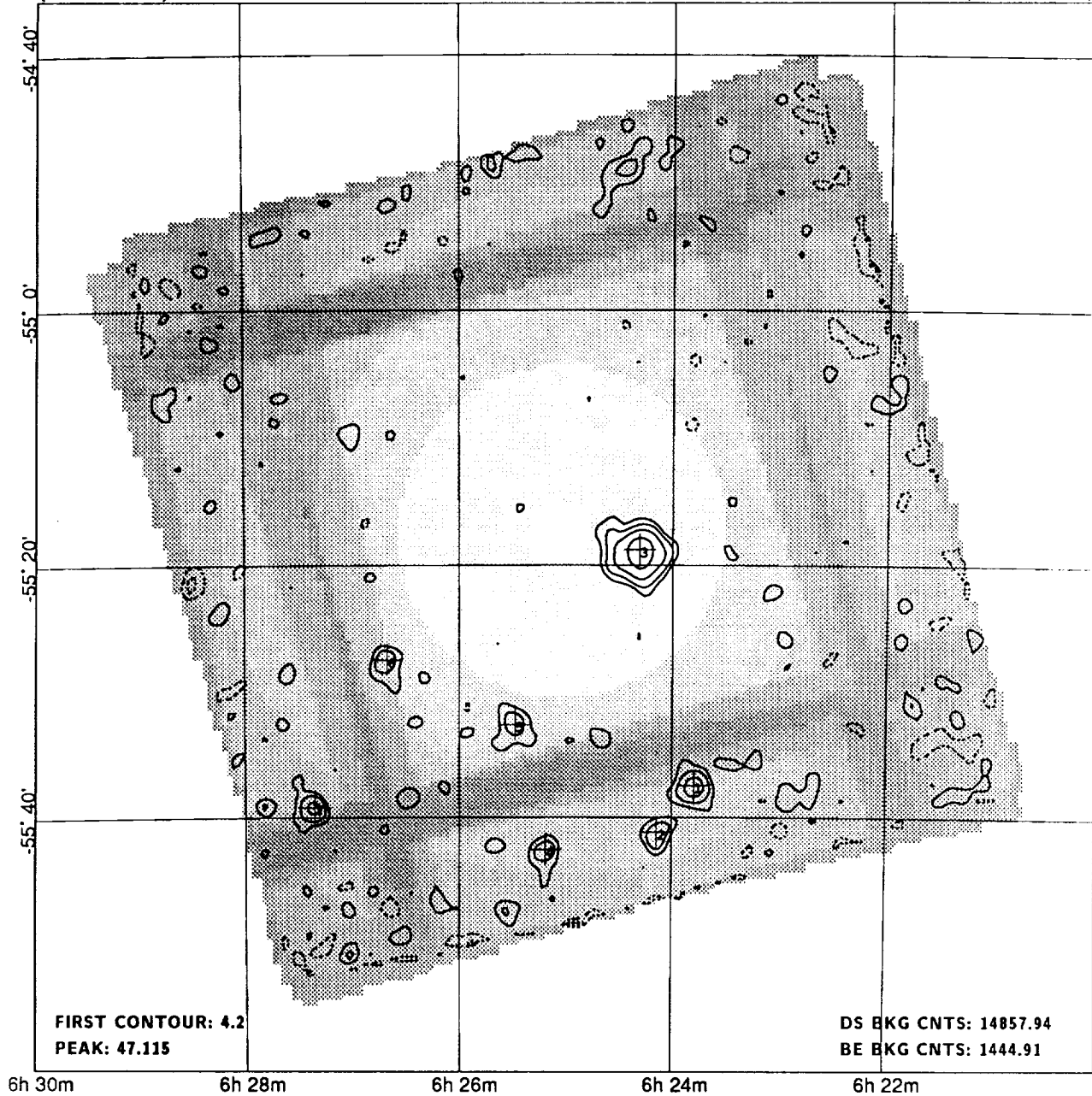
NH: $4.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1646	1	06 23 14.5	18 47 17	31	0.287	0.015	368.2	4.8	19.1	1.4	0	0.2	H	S

(6h 25m)

I 6064

(6h 25m)



SC 0627-54, DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: $06^h 25^m 00.0^s$ $-55^\circ 17' 59''$ (B1950)
 $06^h 25^m 57.7^s$ $-55^\circ 19' 50''$ (J2000)
 $l: 264.13$ $b: -25.54$

DATE: 1980/ 98 - 1980/196
 LIVETIME: 12039.8s

NH: 5.6E+20

REF/ID: !

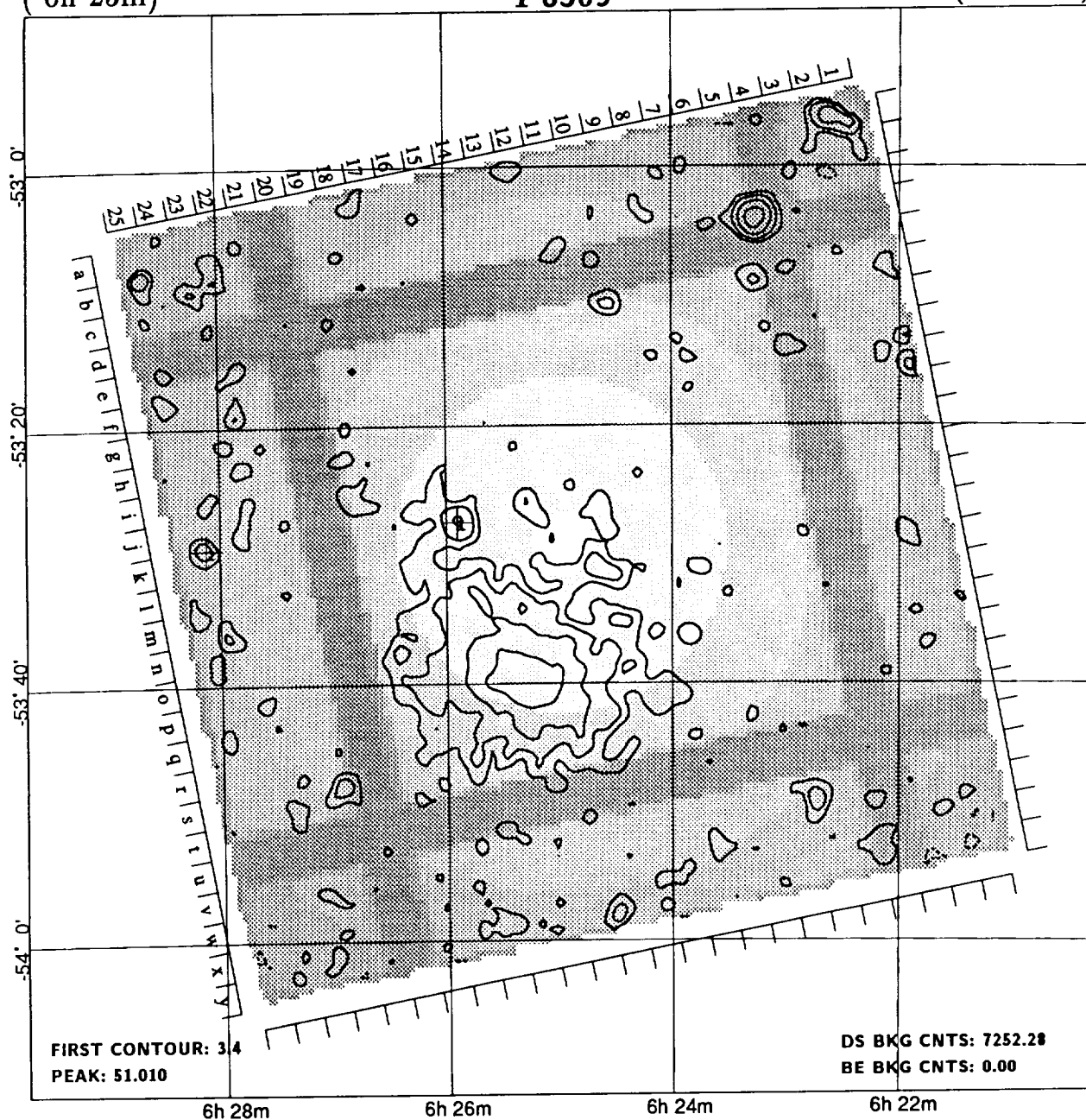
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1649	1	06 23 47.4	-55 37 29	50	*0.0108	0.0016	61.1	23.9	6.6	1.0	601	22.1	H
1650	2	06 24 08.6	-55 41 09	55	0.0058	0.0014	30.1	25.9	4.0	0.8	0	24.1	H
1651	3	06 24 18.5	-55 18 47	38	0.0259	0.0019	220.2	38.8	13.7	1.7	0	5.8	AH
1654	4	06 25 11.3	-55 42 32	54	0.0056	0.0014	28.9	27.1	3.9	0.8	0	24.7	H
1657	5	06 25 28.5	-55 32 38	51	0.0063	0.0012	44.0	32.0	5.0	1.0	0	15.4	AH
1662	6	06 26 40.4	-55 27 30	51	*0.0058	0.0012	38.7	27.3	4.8	0.9	806	17.1	H
1666	7	06 27 21.3	-55 39 13	52	*0.0074	0.0017	32.1	22.9	4.3	0.9	703	29.2	

(6h 25m)

I 8309

(6h 25m)



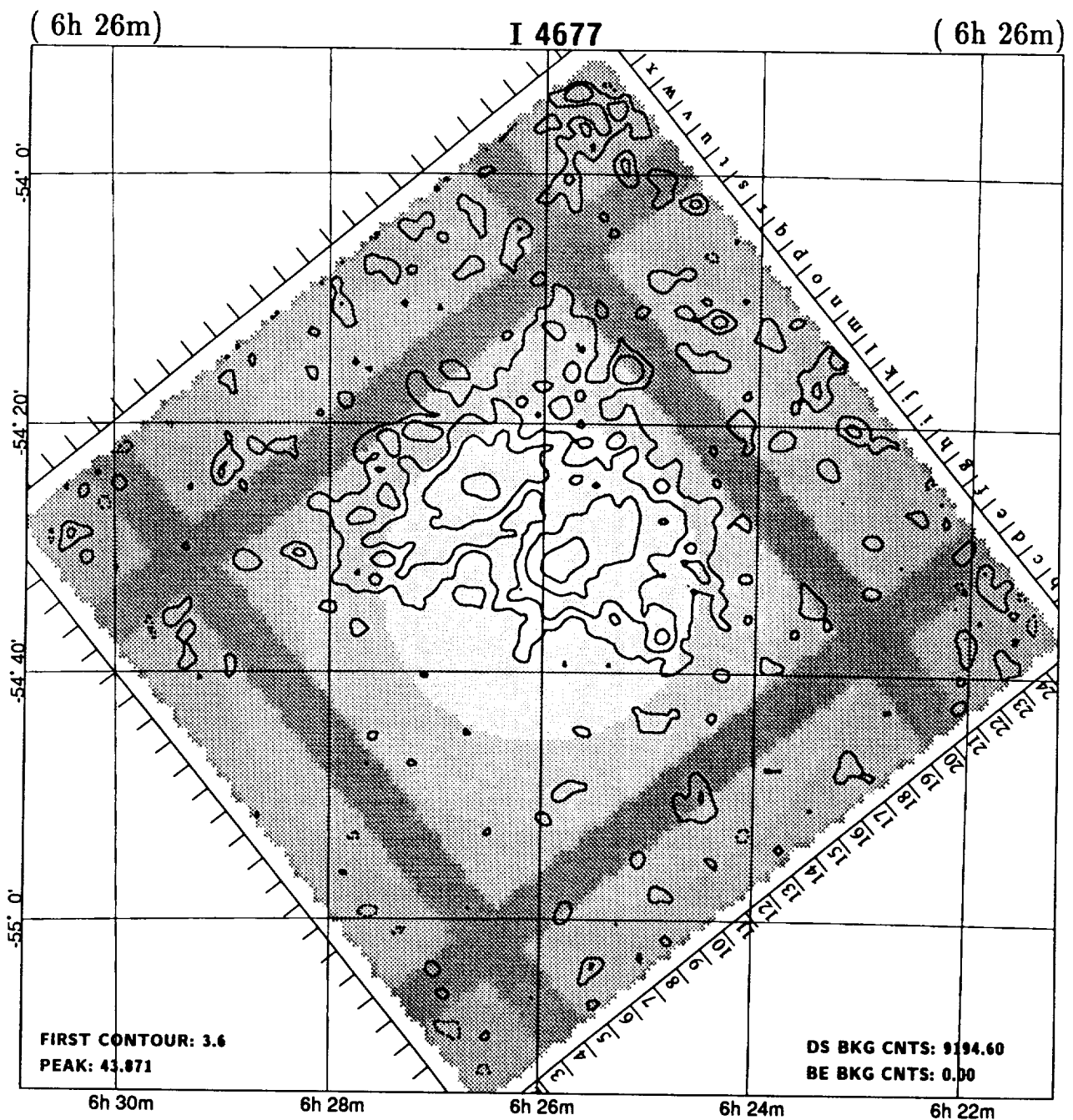
SC 0627-54, POS #4

FIELD CENTER: $06^h 25^m 00.0^s$ $-53^\circ 29' 59''$ (B1950)
 $06^h 26^m 03.9^s$ $-53^\circ 31' 51''$ (J2000)
 $l: 262.19$ $b: -25.16$

DATE: 1980/ 96 - 1980/ 97
 LIVETIME: 5876.7s
 ROLL ANGLE: 79.0°

NH: $6.6E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1658	1L	06 25 54.1	-53 27 32	41	0.0109	0.0027	43.6	34.4	3.9	43.8	0	8.6	
1671	2L	06 28 07.5	-53 29 30	63	0.0112	0.0029	25.0	6.0	3.7	0.6	0	27.9	



SC 0627-54 CLUSTER FOLLOW-UP

FIELD CENTER: $06^h 26^m 00.0^s$ $-54^\circ 31' 59''$ (B1950)
 $06^h 27^m 00.5^s$ $-54^\circ 33' 55''$ (J2000)
 $l: 263.34$ $b: -25.24$

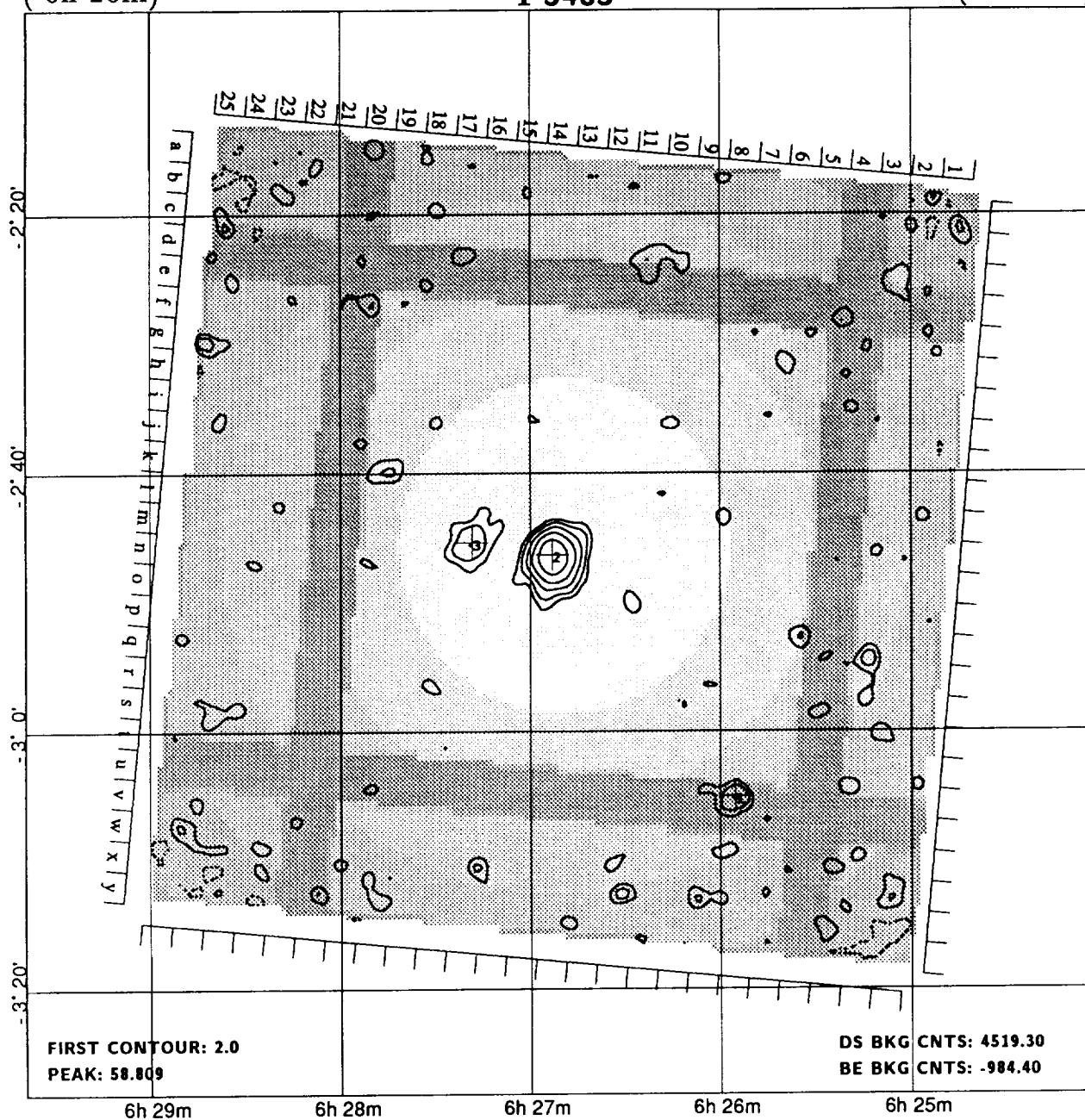
DATE: 1979/312 - 1979/312
 LIVETIME: 7450.7s
 ROLL ANGLE: -129.1°

NH: $6.3E+20$
 REF/ID: 1
 FIELD FLAGS: LS

(6h 26m)

I 5485

(6h 26m)



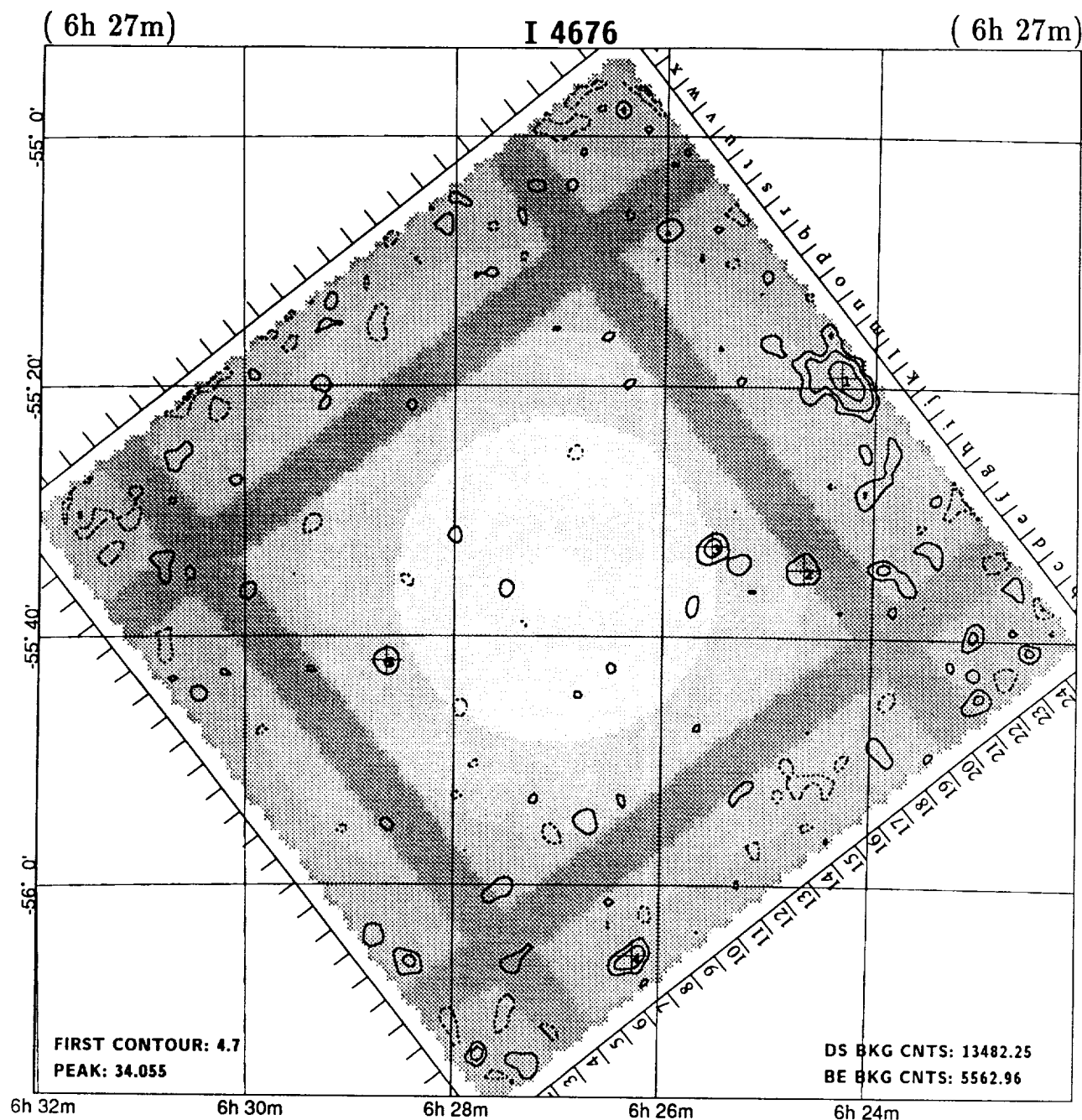
ROSS 614 A

FIELD CENTER: 06^h26^m51.0^s -02°46'11" (B1950)
06^h29^m21.5^s -02°48'14" (J2000)
 ℓ : 212.92 b : -6.19

DATE: 1981/ 68 - 1981/ 68
LIVETIME: 3662.1s
ROLL ANGLE: 95.3°

NH: 5.3E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1659	1	06 25 55.2	-03 05 07	53	*0.0120	0.0030	19.8	5.2	4.0	0.9	1109	23.5		
1663	2	06 26 53.0	-02 46 22	31	0.0958	0.0060	260.6	8.4	15.9	1.5	0	0.4	H	S
1665	3	06 27 18.3	-02 45 23	42	0.0141	0.0026	35.8	7.2	5.5	1.2	0	7.1	H	S



SC 0627-54 CLUSTER FOLLOW-UP

FIELD CENTER: 06^h27^m00.0^s -55°34'59" (B1950)
06^h27^m56.8^s -55°36'59" (J2000)
 ℓ : 264.51 b : -25.32

DATE: 1979/311 - 1979/311

LIVETIME: 10925.3s

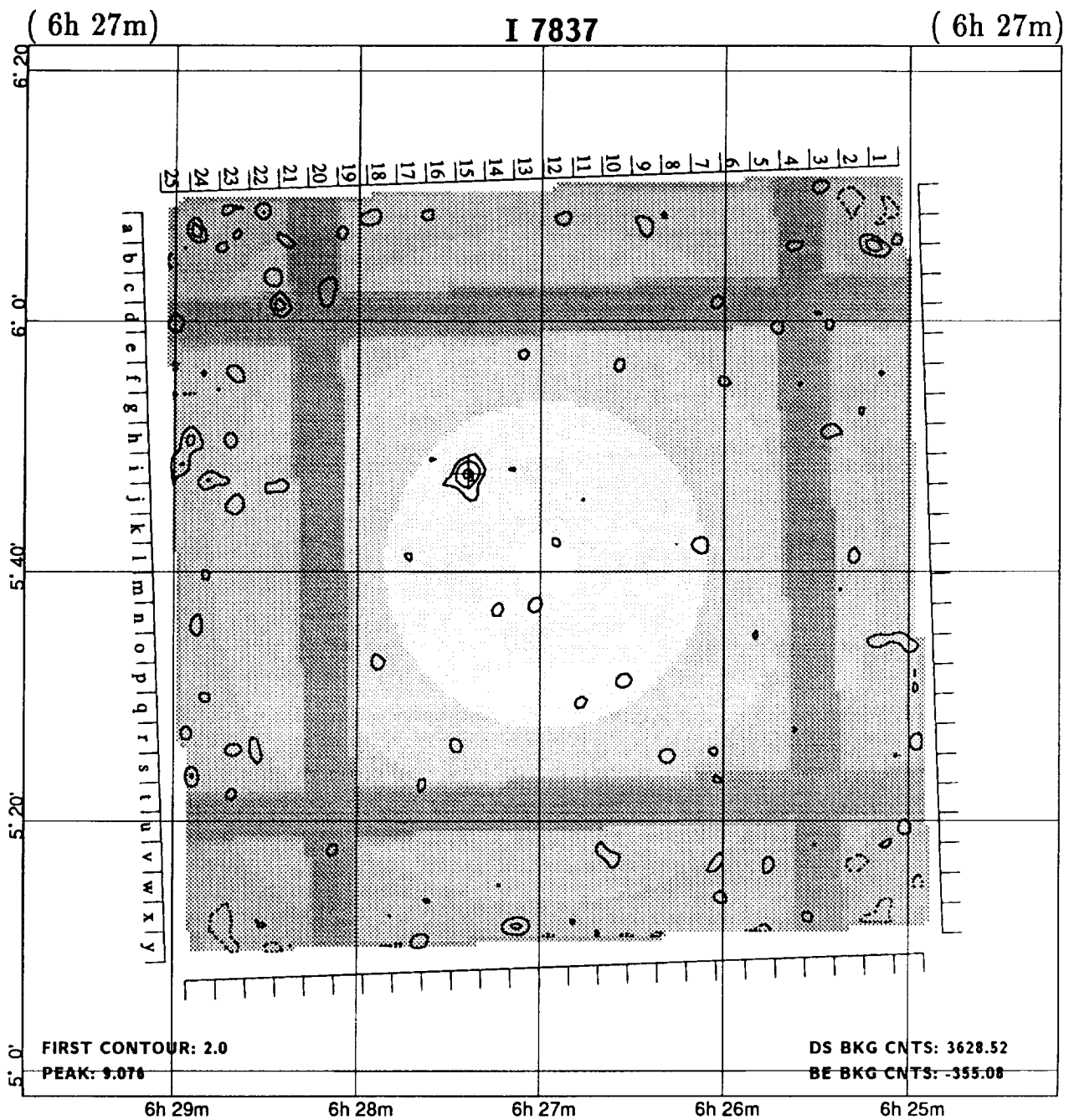
ROLL ANGLE: -128.4°

NH: 5.5E+20

REF/ID: !

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1651	1	06 24 19.3	-55 19 09	50	0.0176	0.0025	72.6	30.4	7.2	2.0	200	27.8	AH	
1653	2	06 24 39.3	-55 34 38	65	*0.0051	0.0014	28.3	28.7	3.8	0.7	906	19.9	H	
1657	3	06 25 32.0	-55 32 49	42	0.0061	0.0013	41.4	35.6	4.7	0.7	0	12.6	AH	
1660	4	06 26 15.1	-56 05 37	82	0.0080	0.0020	29.6	26.4	4.0	0.9	0	31.2		
1675	5	06 28 38.9	-55 41 55	55	0.0054	0.0013	34.6	38.4	4.1	0.6	0	15.4		



FIELD CENTER: 06^h27^m00.0^s 05°39'59" (B1950)
06^h29^m40.3^s 05°37'56" (J2000)
ℓ: 205.43 b: -2.25

DATE: 1980/ 84 - 1980/ 84
LIVETIME: 2940.3s
ROLL ANGLE: 87.9°

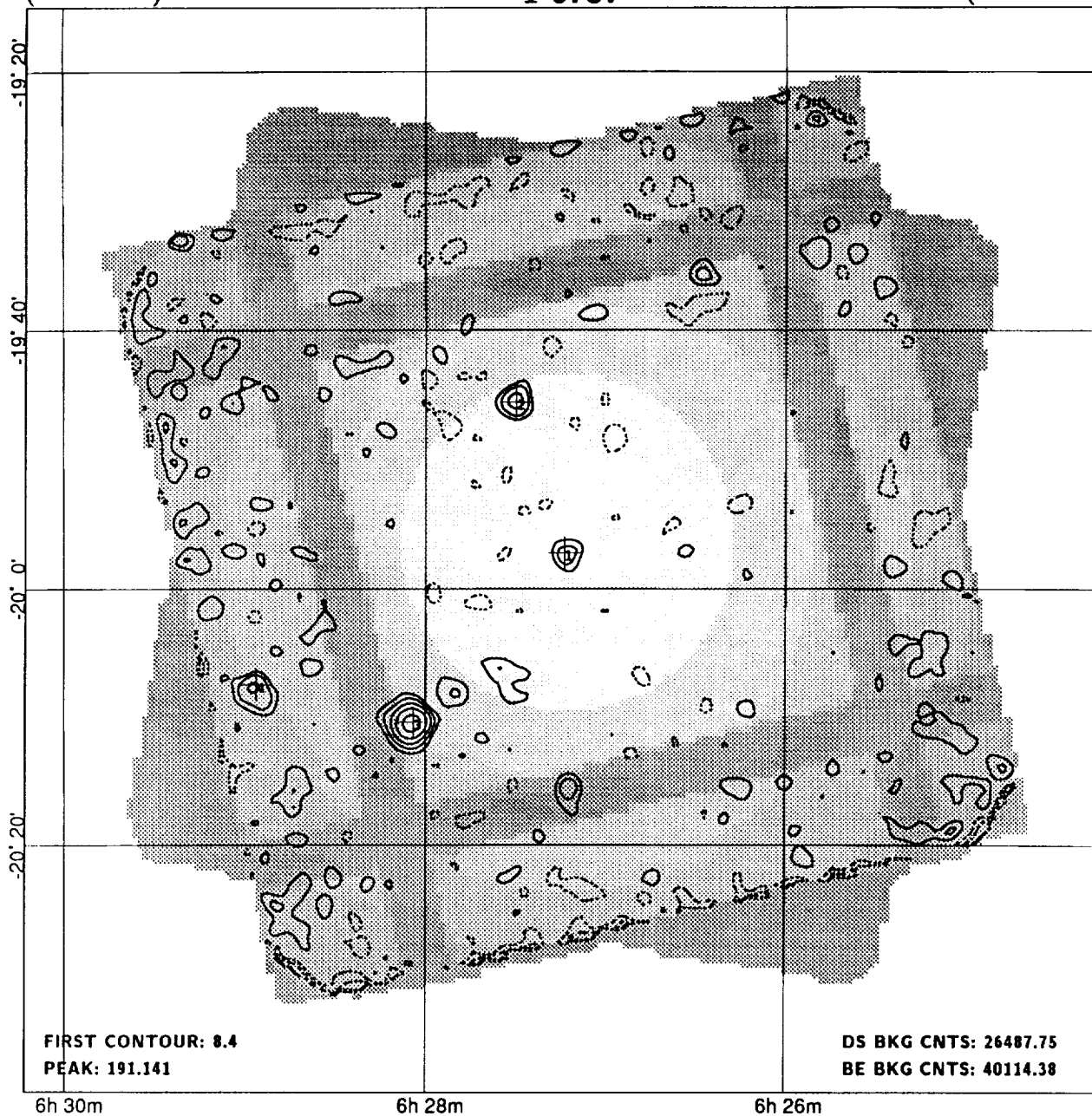
NH: 6.1E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1667	1	06 27 23.9	05 47 54	42	0.0127	0.0029	24.9	8.1	4.3	0.9	0	10.1	AH

(6h 27m)

I 6737

(6h 27m)



SEARCH FOR HIGH LX QSO'S: 13

FIELD CENTER: $06^h 27^m 13.9^s$ $-19^\circ 57' 08''$ (B1950)
 $06^h 29^m 23.5^s$ $-19^\circ 59' 12''$ (J2000)
 $l: 228.64$ $b: -13.66$

DATE: 1980/ 69 - 1981/102
 LIVETIME: 22234.7s

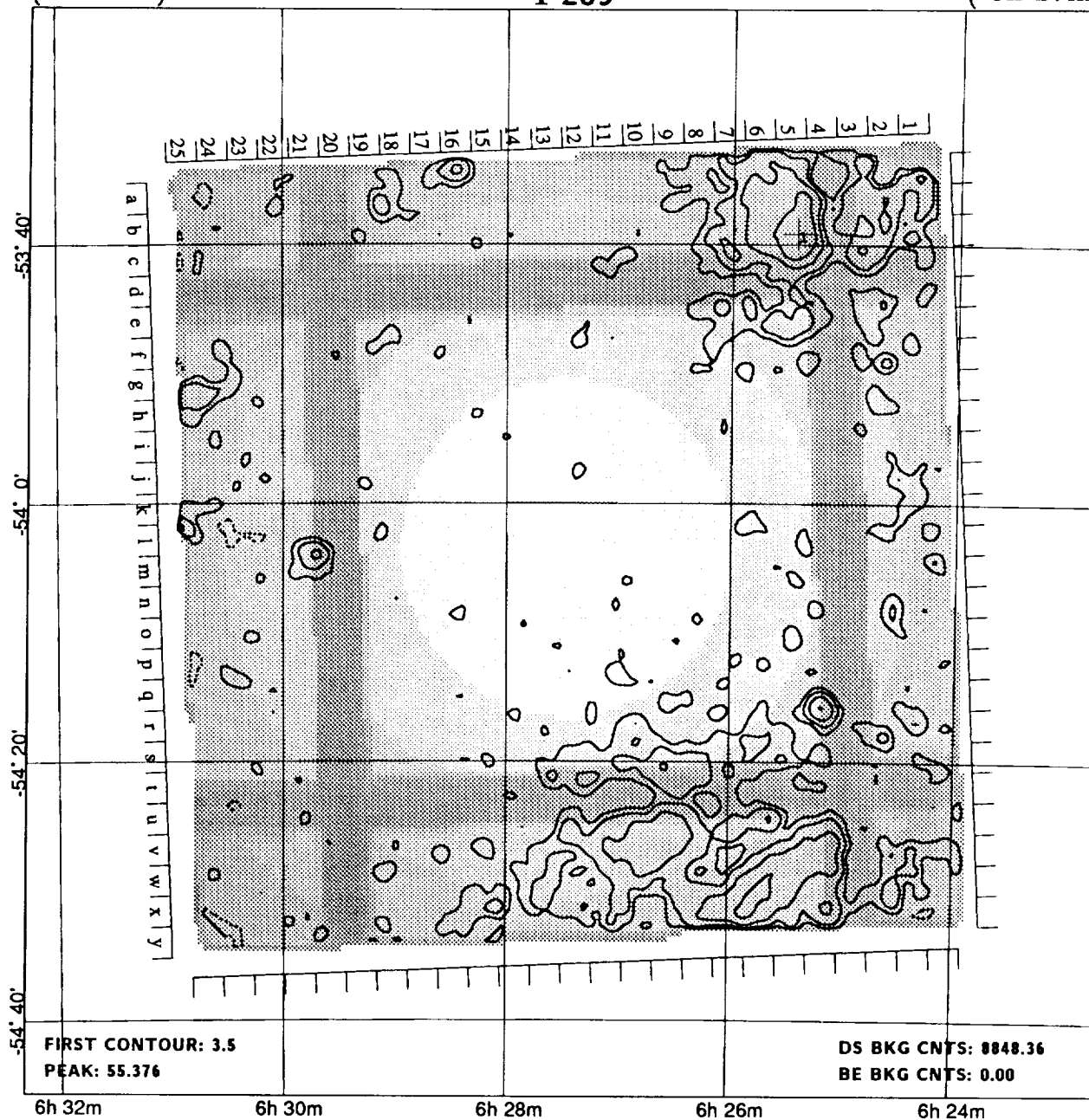
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1664	1L	06 27 13.8	-19 57 14	33	0.0079	0.0013	130.7	161.3	6.1	0.7	0	0.1		
1668	2L	06 27 29.8	-19 45 35	38	0.0108	0.0015	154.8	139.2	7.3	0.8	0	12.0		*
1670	3L	06 28 04.1	-20 10 25	47	0.0414	0.0025	492.8	139.2	16.2	1.0	500	17.8		*
1677	4L	06 28 56.3	-20 07 29	55	0.0077	0.0019	69.2	115.8	4.0	1.0	0	26.1		

(6h 27m)

I 289

(6h 27m)



SC 0627-54 DETAILED CLUSTER STUDY

FIELD CENTER: $06^h 27^m 30.0^s$ $-54^\circ 03' 59''$ (B1950)
 $06^h 28^m 32.1^s$ $-54^\circ 06' 01''$ (J2000)
 $l: 262.89$ $b: -24.92$

DATE: 1979/ 88 - 1979/ 88
LIVETIME: 7170.1s
ROLL ANGLE: 87.7°

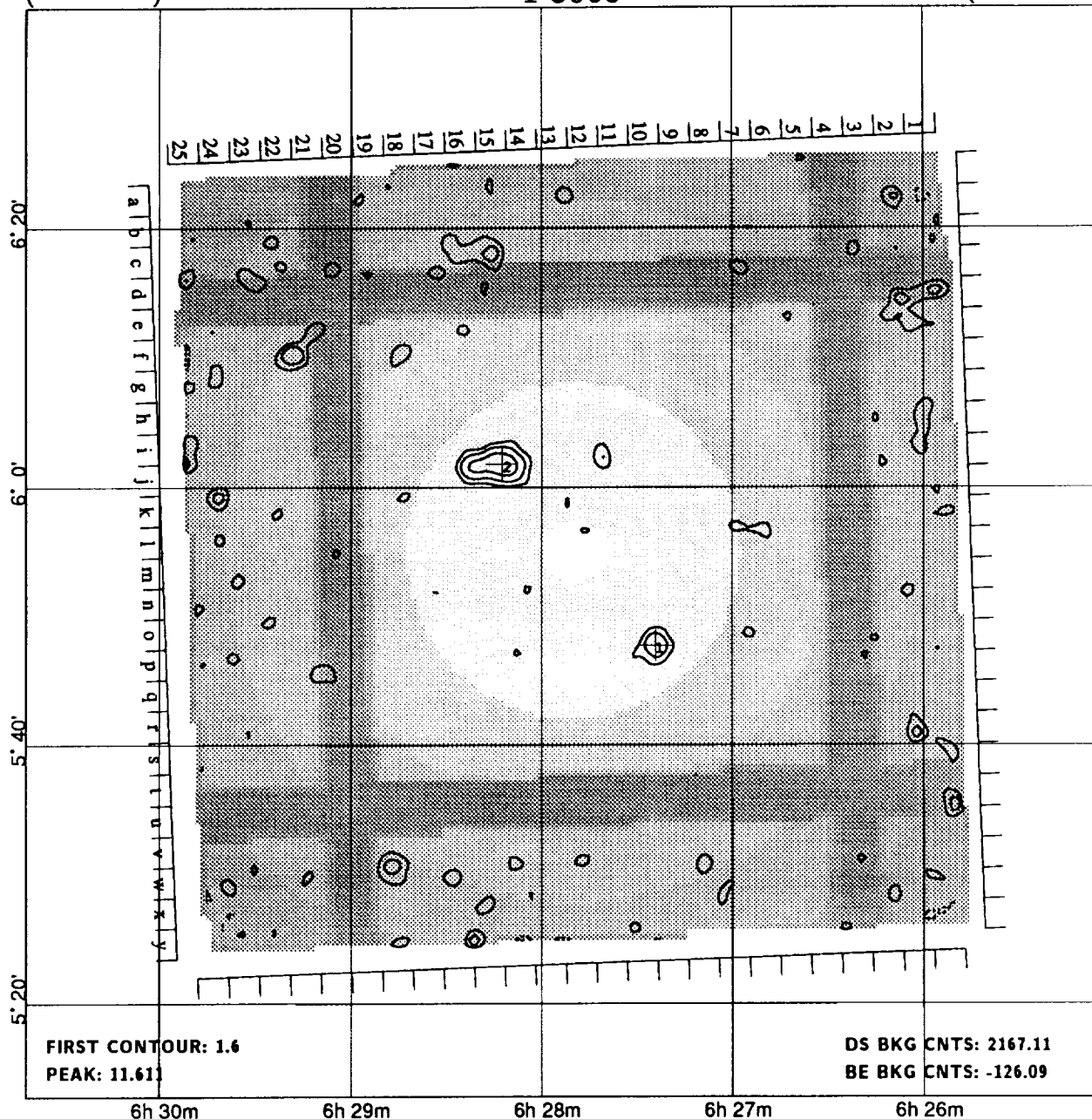
NH: $6.6E+20$
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1656	1L	06 25 25.7	-53 39 08	48	*0.0306	0.0082	76.2	76.8	3.6	6.2	1003	30.9	

(6h 27m)

I 5060

(6h 27m)



AX MON, ACTIVE CLOSE BINARY STARS

FIELD CENTER: $06^h 27^m 52.8^s$ $05^\circ 54' 53''$ (B1950)
 $06^h 30^m 33.4^s$ $05^\circ 52' 46''$ (J2000)
 $l: 205.32$ $b: -1.94$

DATE: 1980/ 84 - 1980/ 84

LIVETIME: 1756.1s

ROLL ANGLE: 87.9° NH: $6.0E+21$

REF/ID: SNR

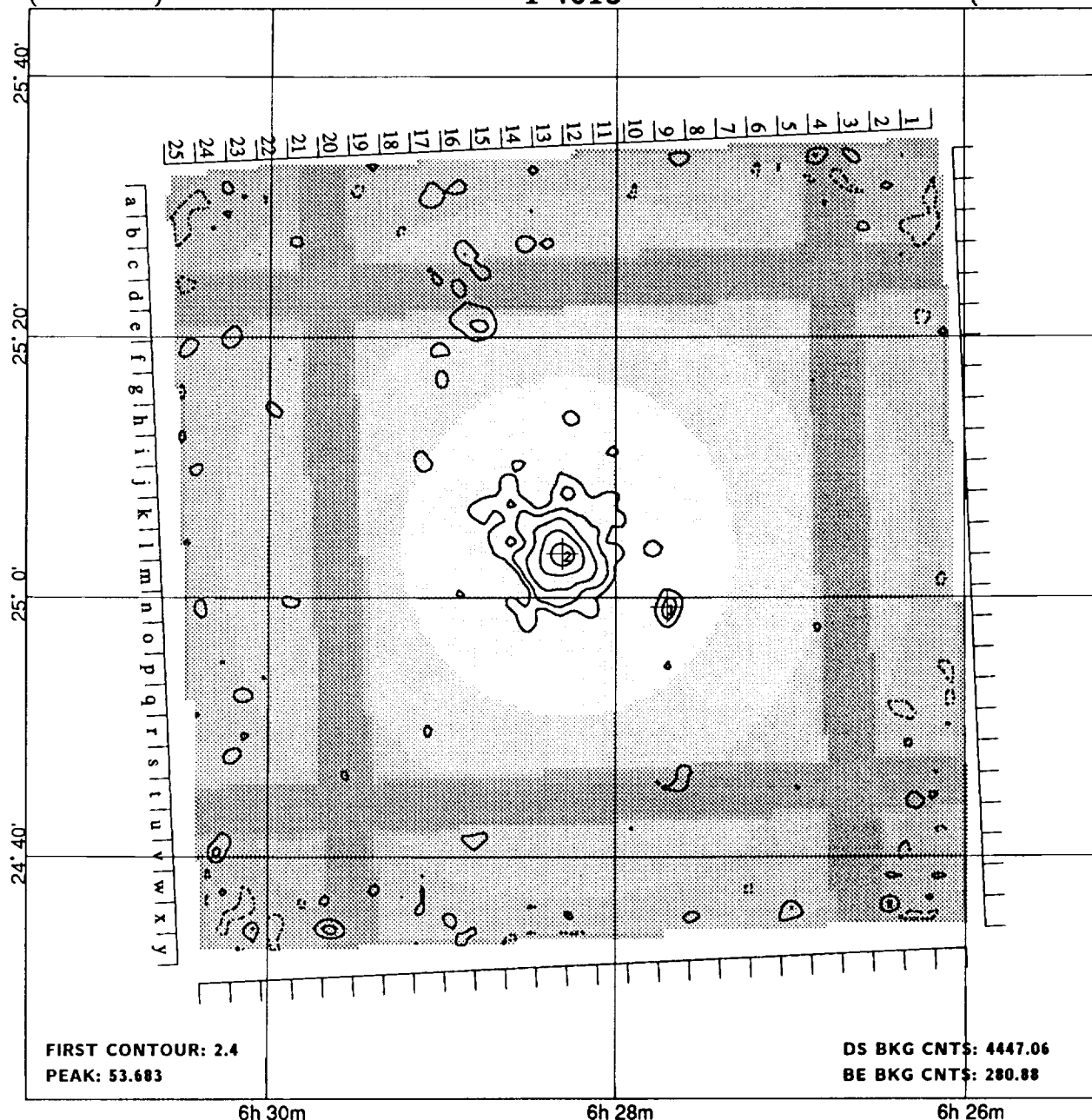
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1667	1	06 27 24.2	05 47 43	43	0.0182	0.0043	21.4	4.6	4.2	0.8	0	10.0	AH	
1672	2	06 28 12.5	06 01 50	41	0.0392	0.0061	46.7	5.3	6.5	1.5	0	8.6	H	

(6h 28m)

I 4613

(6h 28m)



POOR ZWICKY CLUSTER: 0628+250 (3C162)

FIELD CENTER: $06^h 28^m 18.0^s$ $25^\circ 03' 17''$ (B1950)
 $06^h 31^m 22.7^s$ $25^\circ 01' 07''$ (J2000)
 $l: 188.37$ $b: 7.03$

DATE: 1980/ 96 - 1980/ 97
 LIVETIME: 3733.0s
 ROLL ANGLE: 87.4°

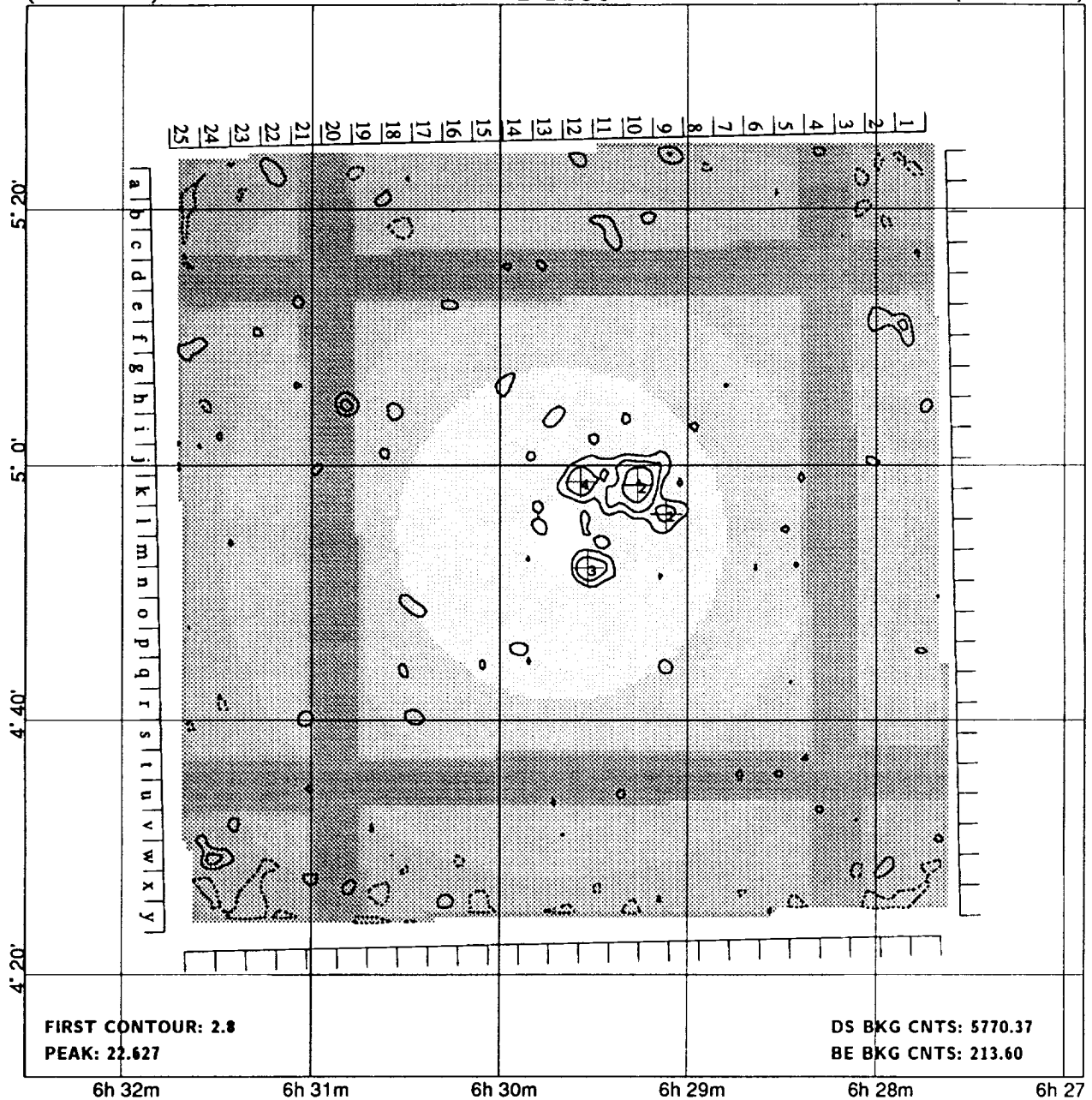
NH: $3.1E+21$
 REF/ID: G
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1669	1	06 27 42.2	24 59 16	43	0.0085	0.0023	21.4	11.6	3.7	0.7	0	9.1	H	
1673	2	06 28 18.3	25 03 23	31	0.0858	0.0057	238.6	12.4	15.1	2.6	0	0.2	H	

(6h 29m)

I 1186

(6h 29m)



ROSETTE TRAPEZIUM GALACTIC PLANE SURVEY

FIELD CENTER: $06^{\text{h}}29^{\text{m}}42.0^{\text{s}}$ $04^{\circ}53'59''$ (B1950)
 $06^{\text{h}}32^{\text{m}}21.4^{\text{s}}$ $04^{\circ}51'44''$ (J2000)
 $l: 206.43$ $b: -2.01$

DATE: 1980/ 81 - 1980/ 82
 LIVETIME: 4675.9s
 ROLL ANGLE: 88.8°

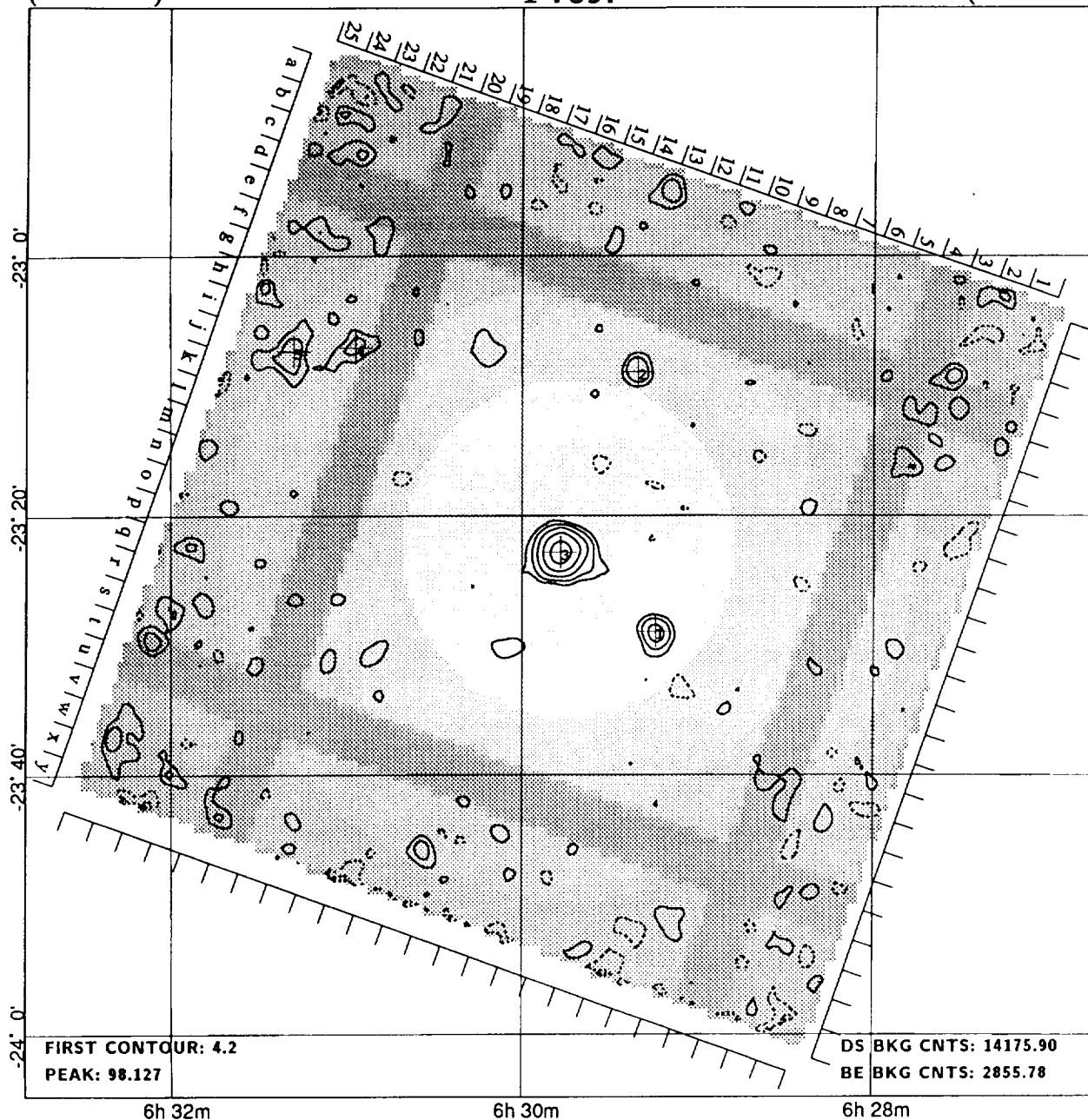
NH: $6.4\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1679	1	06 29 06.8	04 56 10	42	0.0079	0.0020	25.2	14.8	4.0	7.5	0	9.0		
1681	2	06 29 16.0	04 58 27	38	0.0284	0.0032	92.4	14.6	8.9	2.3	0	7.8	H	*
1683	3	06 29 31.9	04 51 55	35	0.0111	0.0021	37.6	14.4	5.2	0.9	0	3.0	H	*
1684	4	06 29 34.2	04 58 42	41	0.0125	0.0022	42.3	14.7	5.6	5.2	0	5.1	H	SNR

(6h 29m)

I 7897

(6h 29m)



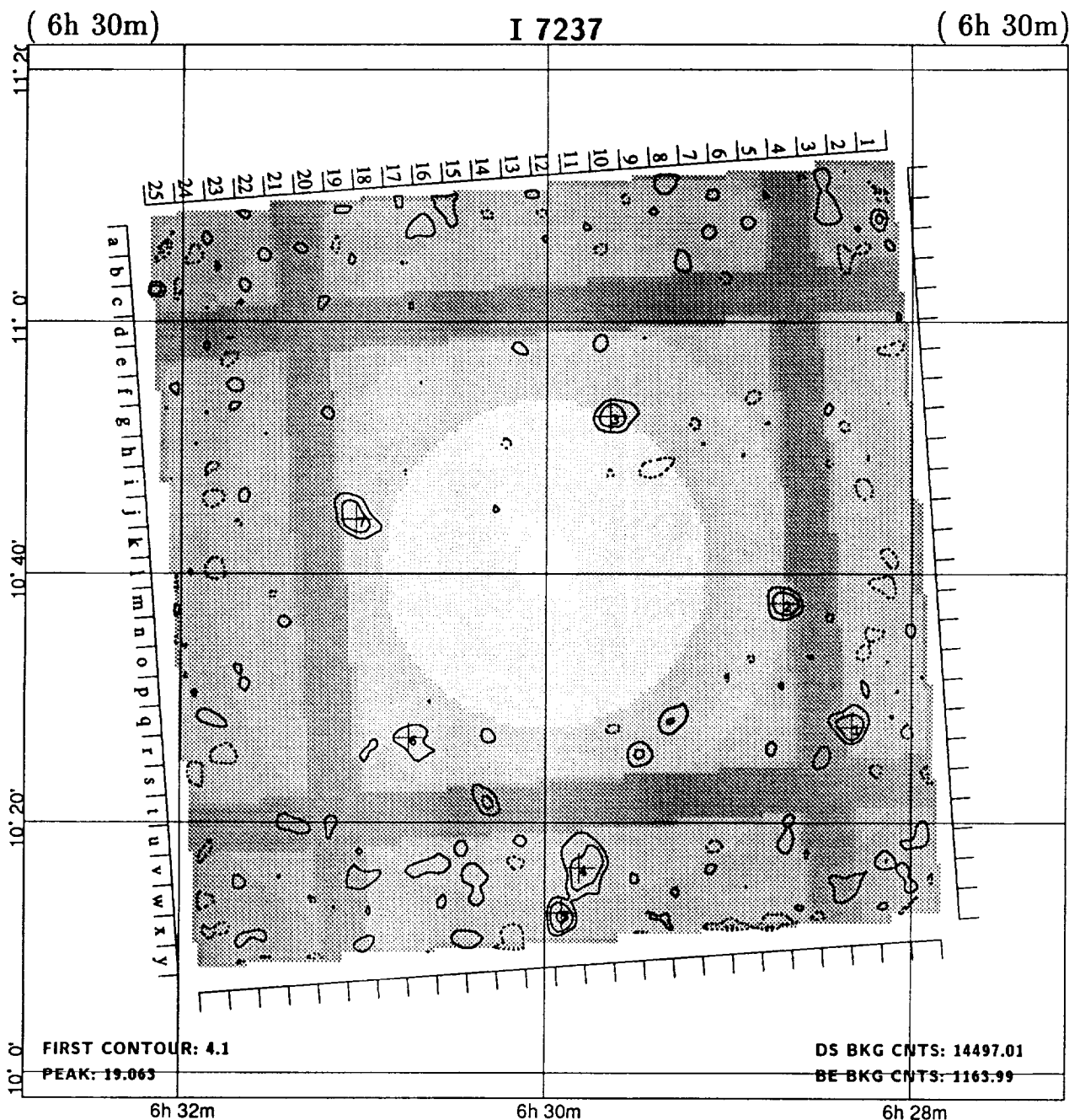
XI CMA, BETA CEPHEI STARS

FIELD CENTER: $06^h 29^m 46.3^s$ $-23^\circ 22' 51''$ (B1950)
 $06^h 31^m 51.4^s$ $-23^\circ 25' 06''$ (J2000)
 $l: 232.11$ $b: -14.53$

DATE: 1981/ 58 - 1981/ 58
 LIVETIME: 11487.1s
 ROLL ANGLE: 109.5°

NH: $1.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1680	1	06 29 14.2	-23 28 59	38	0.0098	0.0014	76.1	41.9	7.0	0.9	0	9.6	H	
1682	2	06 29 20.4	-23 08 55	50	0.0071	0.0013	48.6	32.4	5.4	0.7	0	15.4	H	
1686	3	06 29 46.7	-23 22 51	31	0.0495	0.0025	423.1	43.9	19.6	1.3	0	0.2	H	S
1694	4	06 30 57.0	-23 07 04	58	*0.0049	0.0013	26.0	25.0	3.6	0.9	601	22.8	H	
1701	5	06 31 18.0	-23 07 20	55	0.0063	0.0017	29.4	30.6	3.8	1.3	0	26.3	H	



LYNDS 1605, DARK NEBULA

FIELD CENTER: $06^h 30^m 00.0^s$ $10^\circ 39' 59''$ (B1950)
 $06^h 32^m 46.2^s$ $10^\circ 37' 43''$ (J2000)
 $l: 201.36$ $b: 0.74$

DATE: 1980/ 93 - 1980/ 93
 LIVETIME: 12169.2s
 ROLL ANGLE: 85.8°

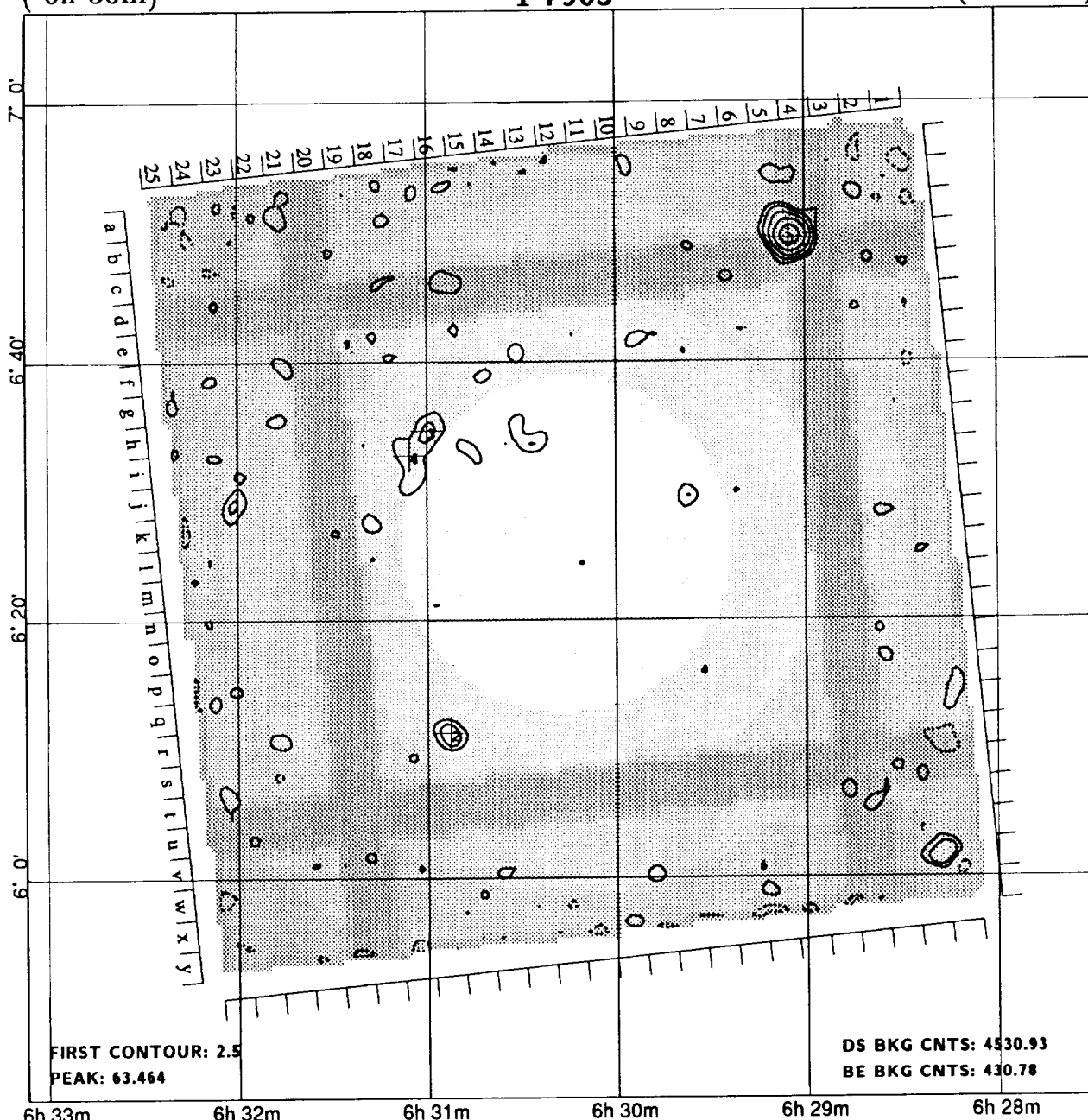
NH: $5.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1674	1	06 28 19.4	10 27 37	56	*0.0062	0.0015	28.8	22.2	4.0	1.3	1009	26.4		
1676	2	06 28 42.0	10 37 35	51	*0.0075	0.0013	47.1	22.9	5.6	0.8	703	19.2		
1685	3	06 29 39.0	10 52 25	41	0.0068	0.0012	51.6	34.4	5.6	0.9	0	13.7		
1687	4	06 29 48.8	10 16 21	54	0.0070	0.0015	37.4	23.6	4.8	1.5	0	23.8	AH	
1688	5	06 29 54.5	10 12 47	52	0.0061	0.0016	28.7	28.3	3.8	0.8	0	27.1	H	
1691	6	06 30 45.2	10 26 46	57	0.0040	0.0011	26.6	26.4	3.7	0.9	0	16.8	H	
1698	7	06 31 02.7	10 44 16	51	*0.0081	0.0013	56.6	28.4	6.1	1.0	703	16.2		

(6h 30m)

I 7965

(6h 30m)



MONOCEROS SNR REMNANT, POS. 1

FIELD CENTER: $06^h 30^m 18.0^s$ $06^\circ 24' 59''$ (B1950)
 $06^h 32^m 59.1^s$ $06^\circ 22' 42''$ (J2000)
 $l: 205.15$ $b: -1.17$

DATE: 1980/ 85 - 1980/ 85
 LIVETIME: 3671.5s
 ROLL ANGLE: 84.4°

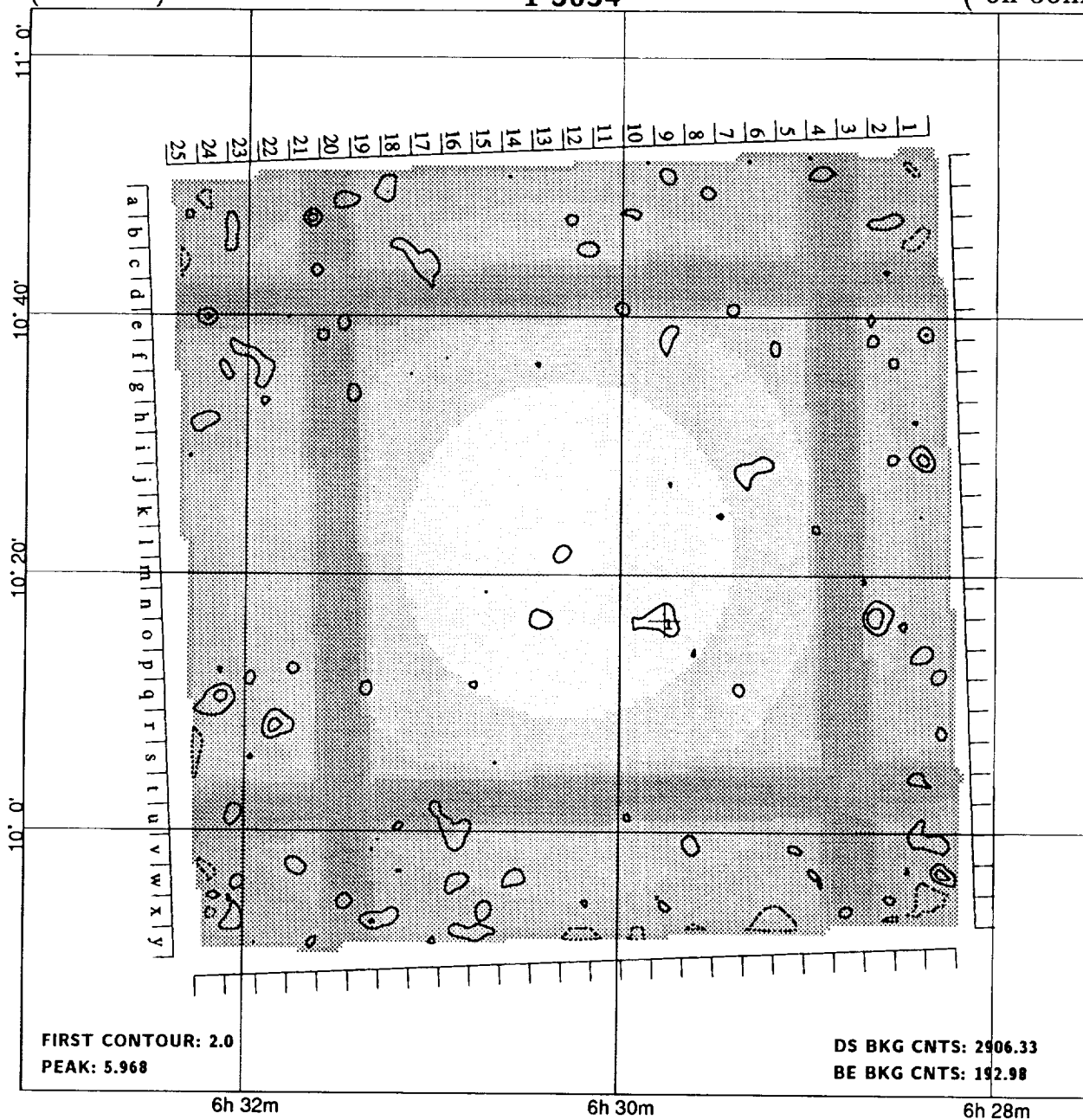
NH: $6.0E+21$
 REF/ID: SNR
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1678	1	06 29 05.2	06 49 27	48	*0.0808 0.0080	106.5	5.5	10.1	1.1	1308	30.5	
1693	2	06 30 52.7	06 11 16	53	0.0106 0.0027	21.6	8.4	3.9	0.7	0	16.2	
1696	3	06 31 00.0	06 34 41	47	0.0094 0.0025	20.9	9.1	3.8	1.6	0	14.3	
1699	4	06 31 05.6	06 32 45	48	0.0094 0.0025	20.8	9.2	3.8	1.9	0	14.2	

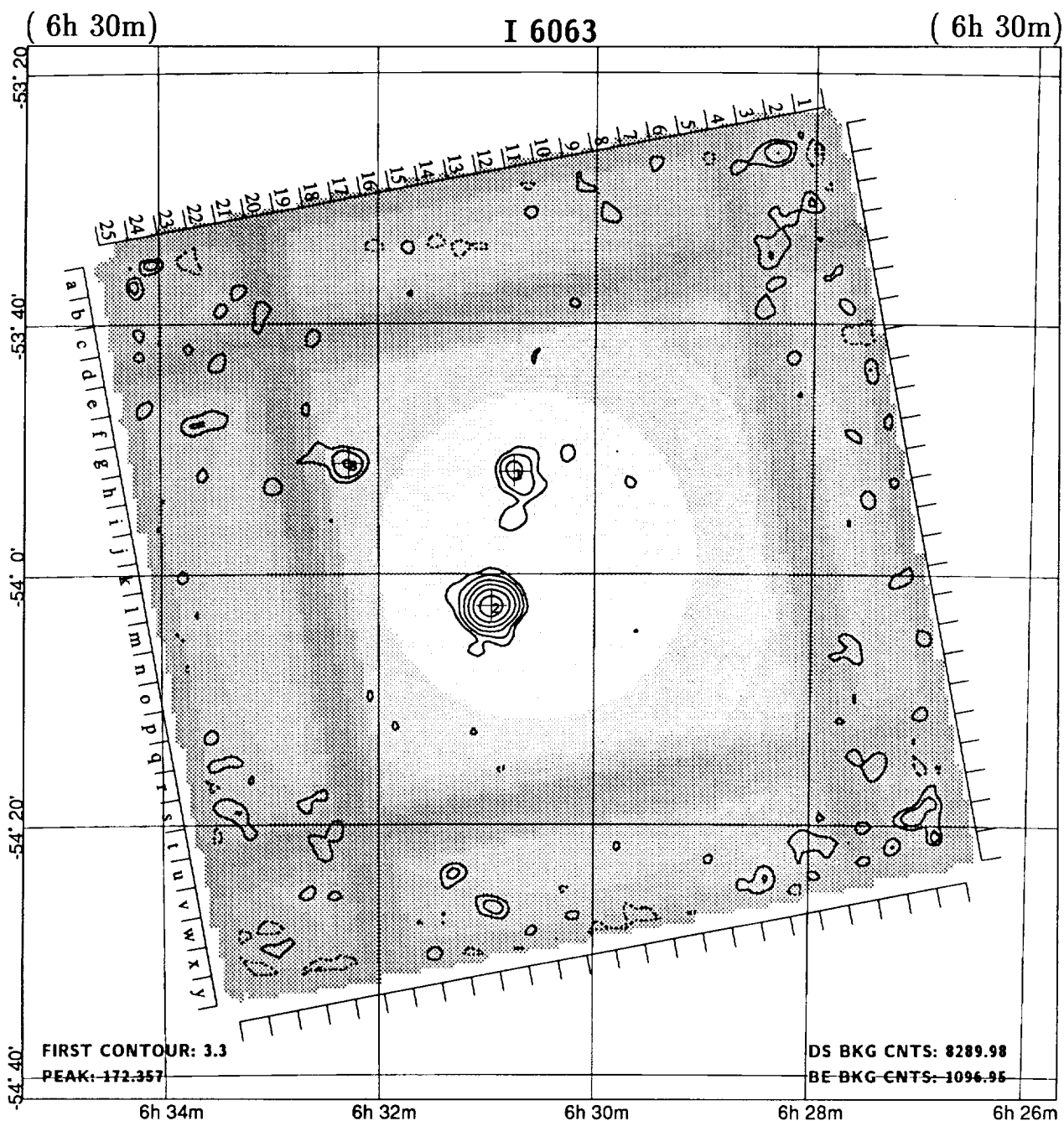
(6h 30m)

I 5034

(6h 30m)



CAT #	FLD #	RA (1950)	DEC (1950)	± ''	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1687	1	06 29 45.8	10 16 27	47	0.0107	0.0030	17.5	7.5	3.5	0.9	0	9.1	A	



SC 0627-54, DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: 06^h30^m30.0^s -53°59'59" (B1950)
 06^h31^m32.5^s -54°02'14" (J2000)
 ℓ : 262.93 b : -24.48

DATE: 1980/ 97 - 1980/ 97
 LIVETIME: 6958.8s
 ROLL ANGLE: 79.4°

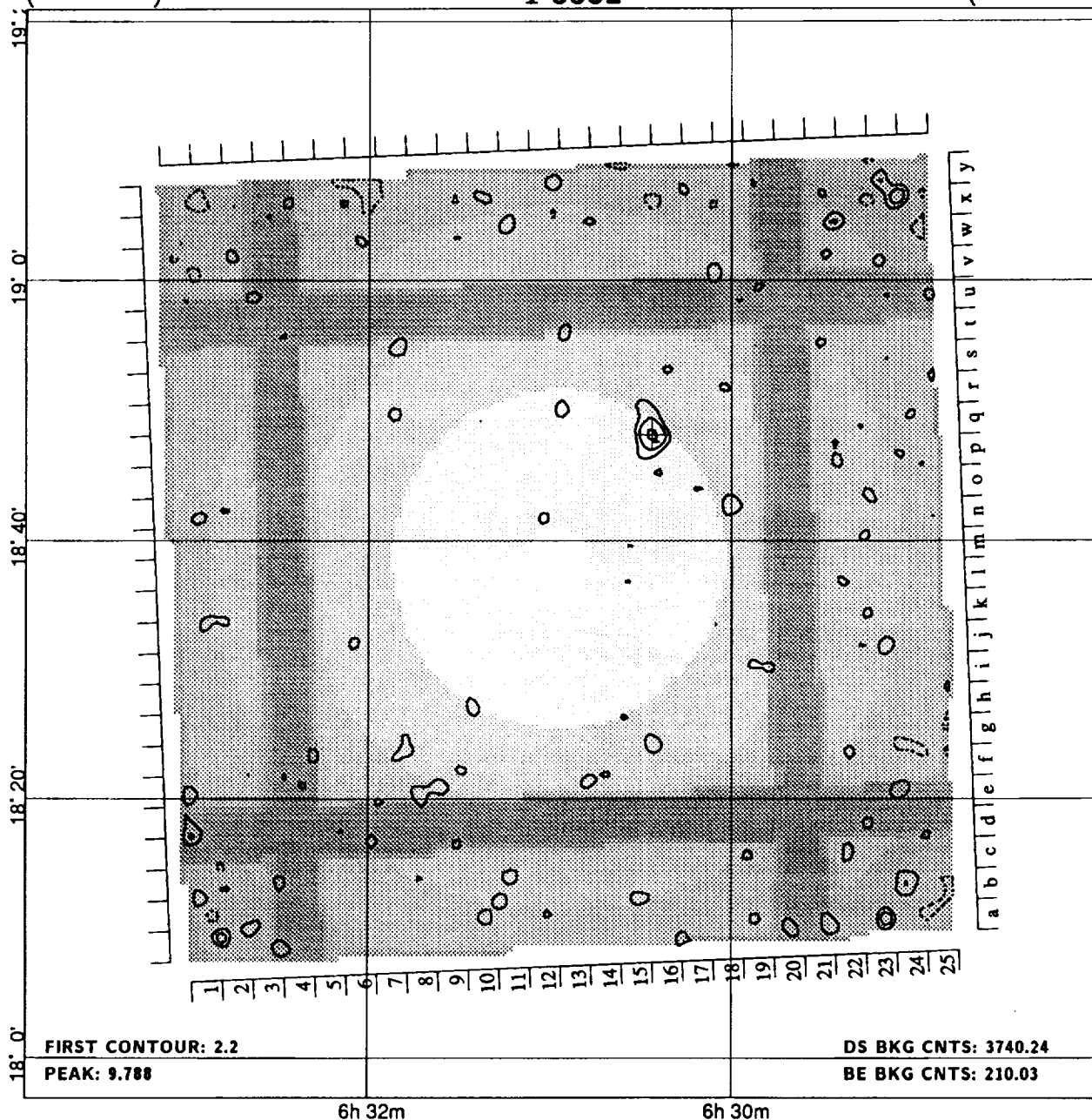
NH: 6.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1690	1	06 30 44.7	-53 51 45	41	0.0129	0.0019	62.5	26.5	6.6	1.3	0	8.7	H	
1695	2	06 30 57.2	-54 02 34	31	0.1333	0.0053	664.1	20.9	25.4	1.2	0	4.8	H	
1704	3	06 32 16.3	-53 51 04	51	0.0098	0.0019	38.1	17.9	5.1	1.1	0	18.0	H	

(6h 30m)

I 3332

(6h 30m)



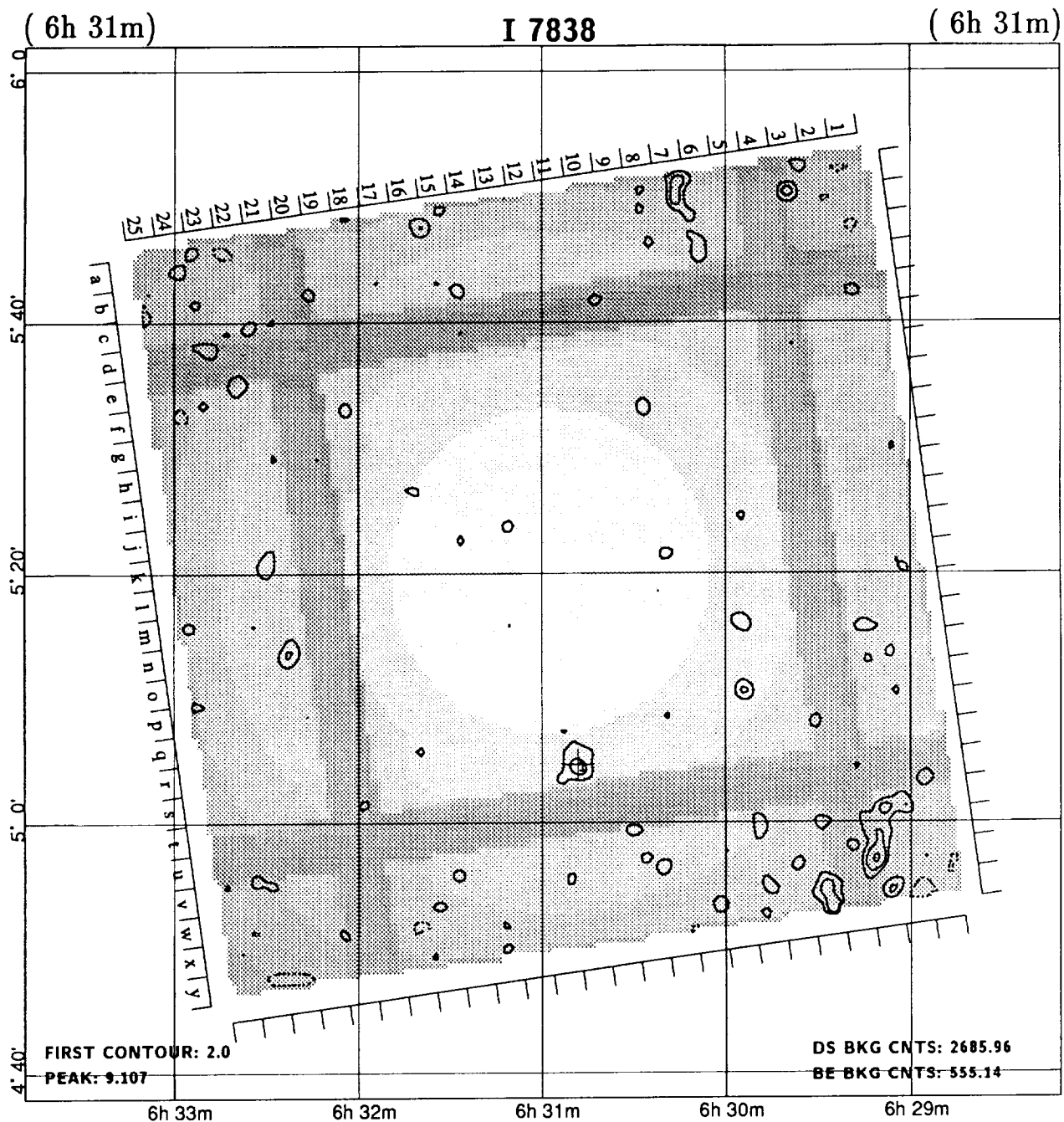
COS-B GAMMA RAY SOURCE REGION C

FIELD CENTER: 06^h30^m55.2^s 18°38'59" (B1950)
06^h33^m51.2^s 18°36'38" (J2000)
ℓ: 194.38 b: 4.64

DATE: 1979/264 - 1979/264
LIVETIME: 3030.8s
ROLL ANGLE: -92.3°

NH: 3.9E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1689	1	06 30 26.5	18 48 10	41	0.0164	0.0033	31.9	9.1	5.0	0.9	0	11.4	H *

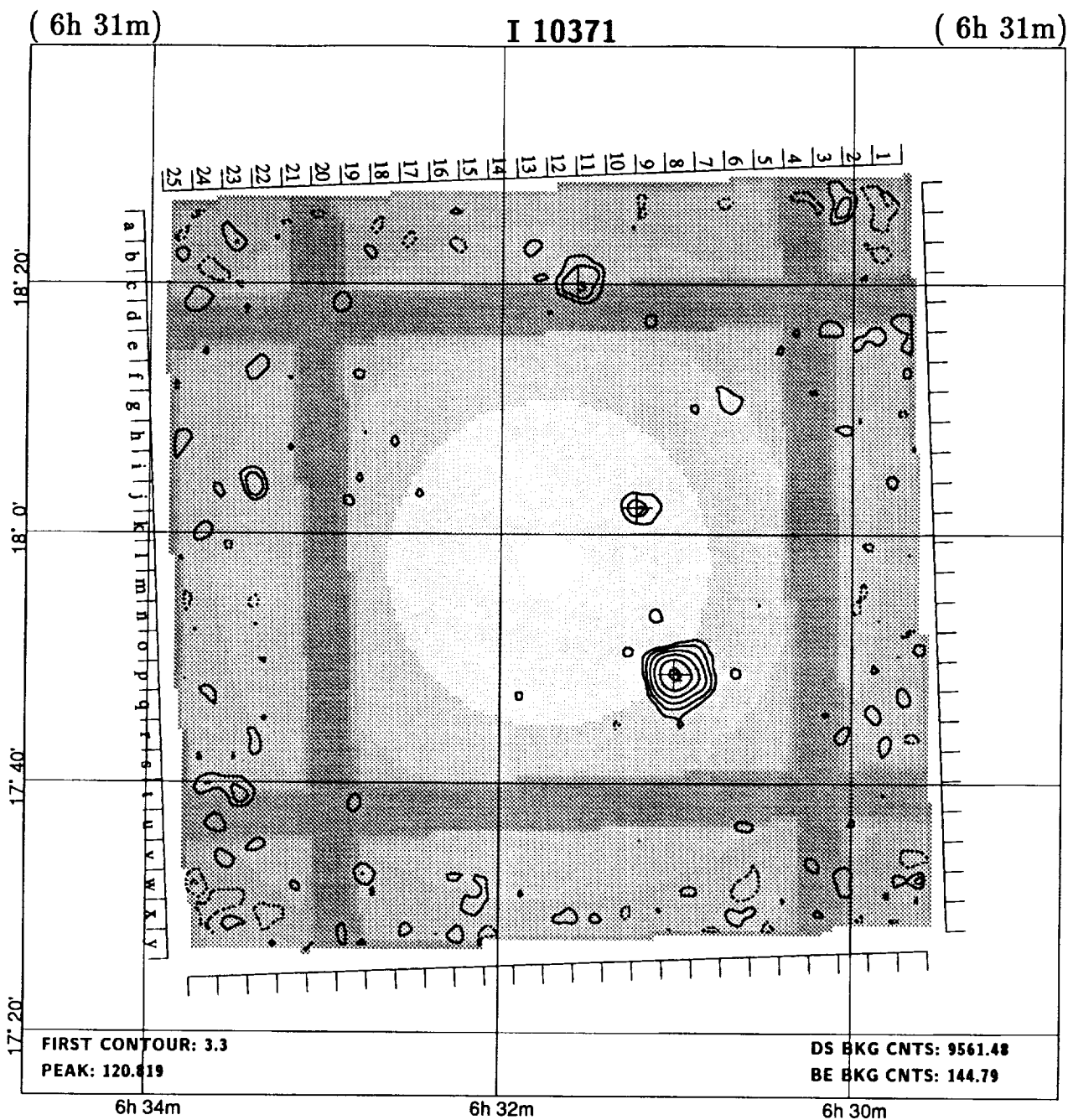


FIELD CENTER: 06^h 31^m 00.0^s 05° 19' 59" (B1950)
06^h 33^m 39.9^s 05° 17' 39" (J2000)
l: 206.19 b: -1.52

DATE: 1980/103 - 1980/103
LIVETIME: 2176.5s
ROLL ANGLE: 82.1°

NH: 6.5E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1692	1	06 30 48.2	05 04 39	55	0.0138	0.0039	17.6	6.4	3.6	0.8	100	15.3	H



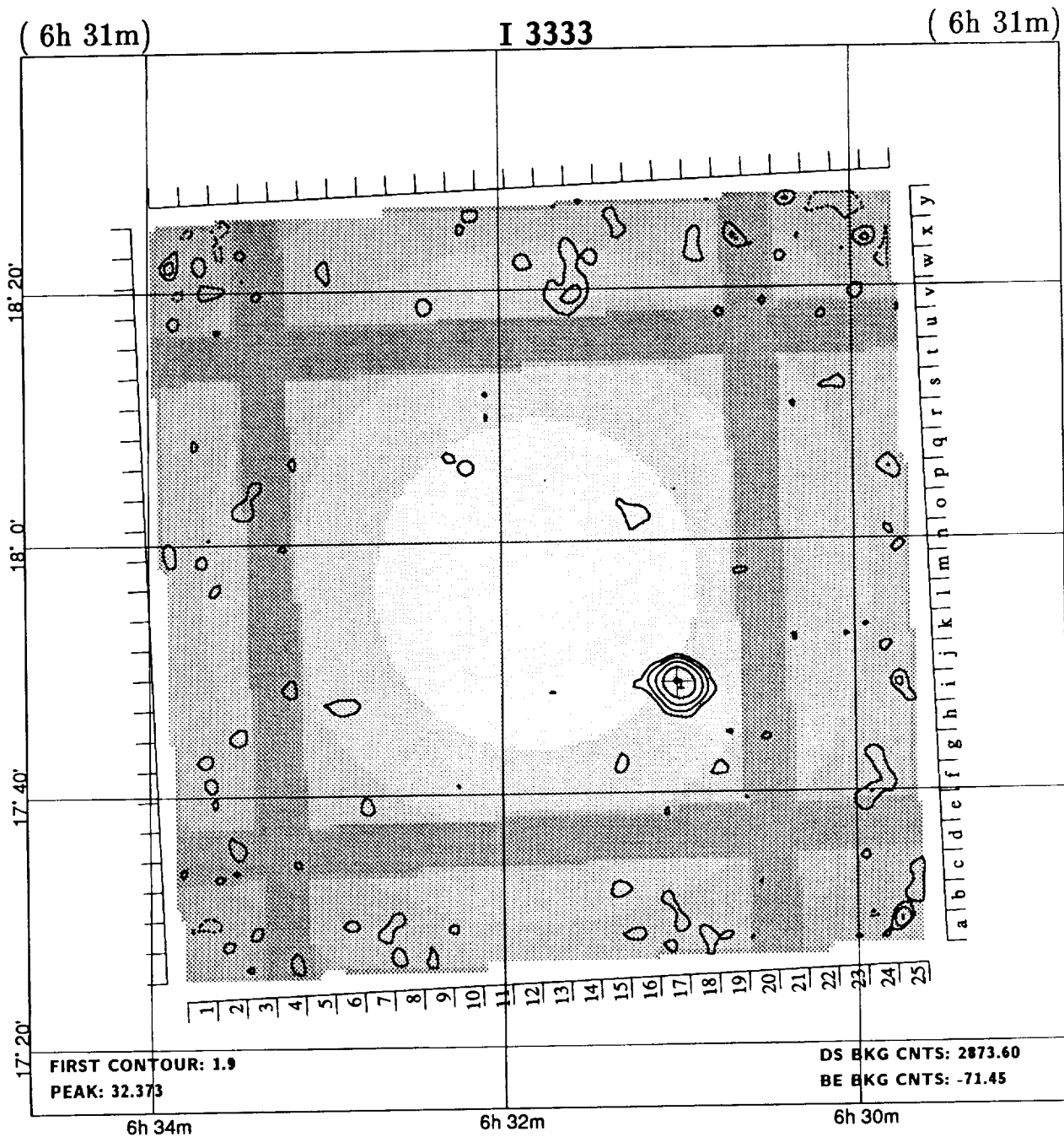
COS B GAMMA SOURCE

FIELD CENTER: 06^h31^m45.0^s 17°56'59" (B1950)
06^h34^m40.1^s 17°54'35" (J2000)
 ℓ : 195.09 b : 4.49

DATE: 1981/ 76 - 1981/ 77
LIVETIME: 7747.9s
ROLL ANGLE: 87.7°

NH: 4.2E+21
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1697	1	06 31 00.6	17 48 48	37	0.0892 0.0044	427.1	18.9	20.2	1.4	0	13.5	AH	*
1700	2	06 31 13.7	18 02 10	42	0.0067 0.0015	35.6	25.4	4.6	0.9	0	9.0		S
1702	3	06 31 34.3	18 20 02	55	*0.0111 0.0020	40.3	12.7	5.5	1.3	906	23.2	H	*



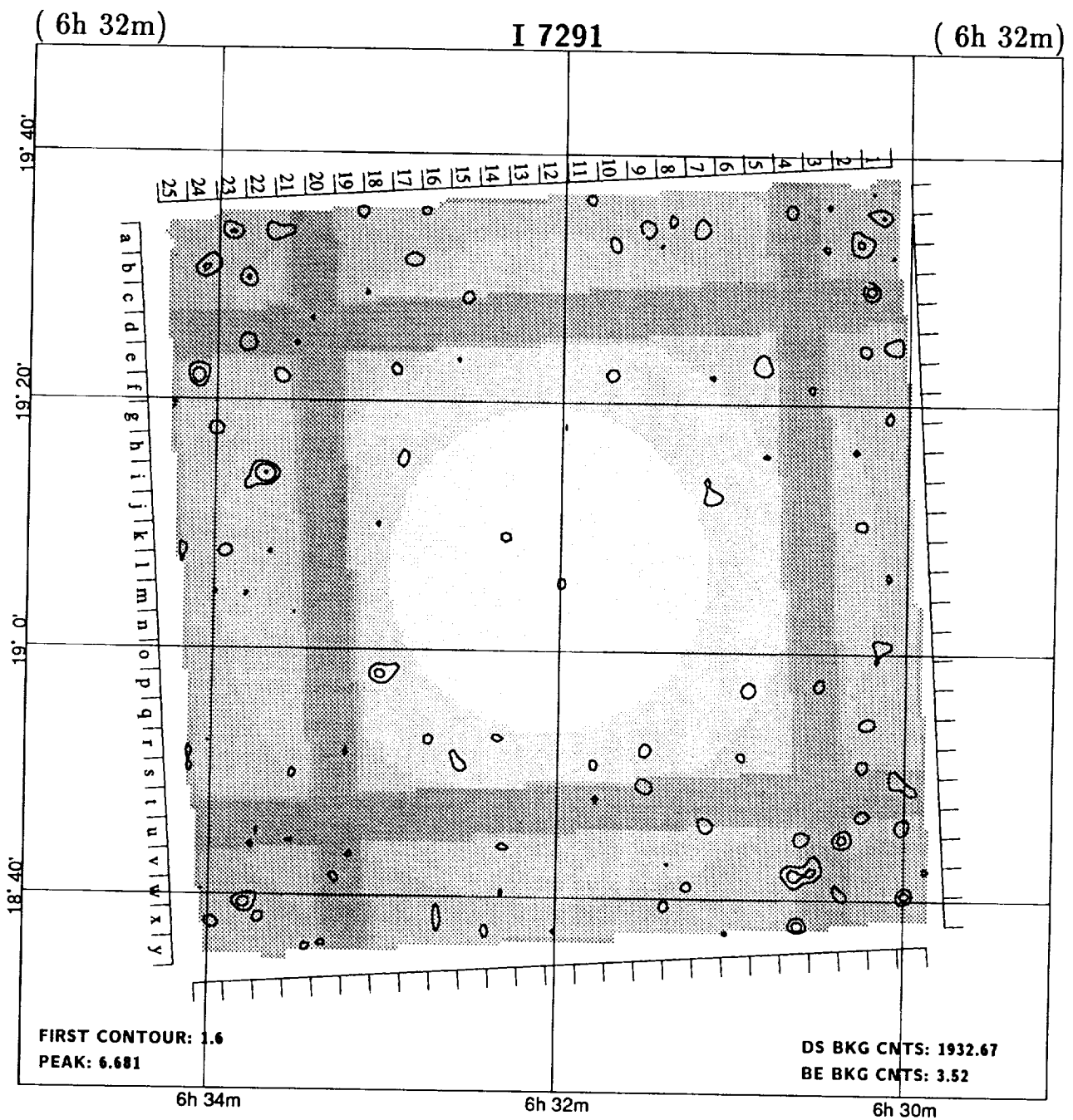
COS-B GAMMA RAY SOURCE REGION C

FIELD CENTER: $06^h 31^m 45.6^s$ $17^\circ 56' 59''$ (B1950)
 $06^h 34^m 40.7^s$ $17^\circ 54' 35''$ (J2000)
 $l: 195.09$ $b: 4.49$

DATE: 1979/263 - 1979/264
 LIVETIME: 2328.6s
 ROLL ANGLE: -92.3°

NH: $4.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1697	1	06 31 00.5	17 48 44	38	0.0785	0.0076	111.7	5.3	10.3	1.3	0	13.5	AH	*



0632+19, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: 06^h32^m06.4^s 19°06'23" (B1950)
06^h35^m03.0^s 19°03'57" (J2000)
 l : 194.10 b : 5.10

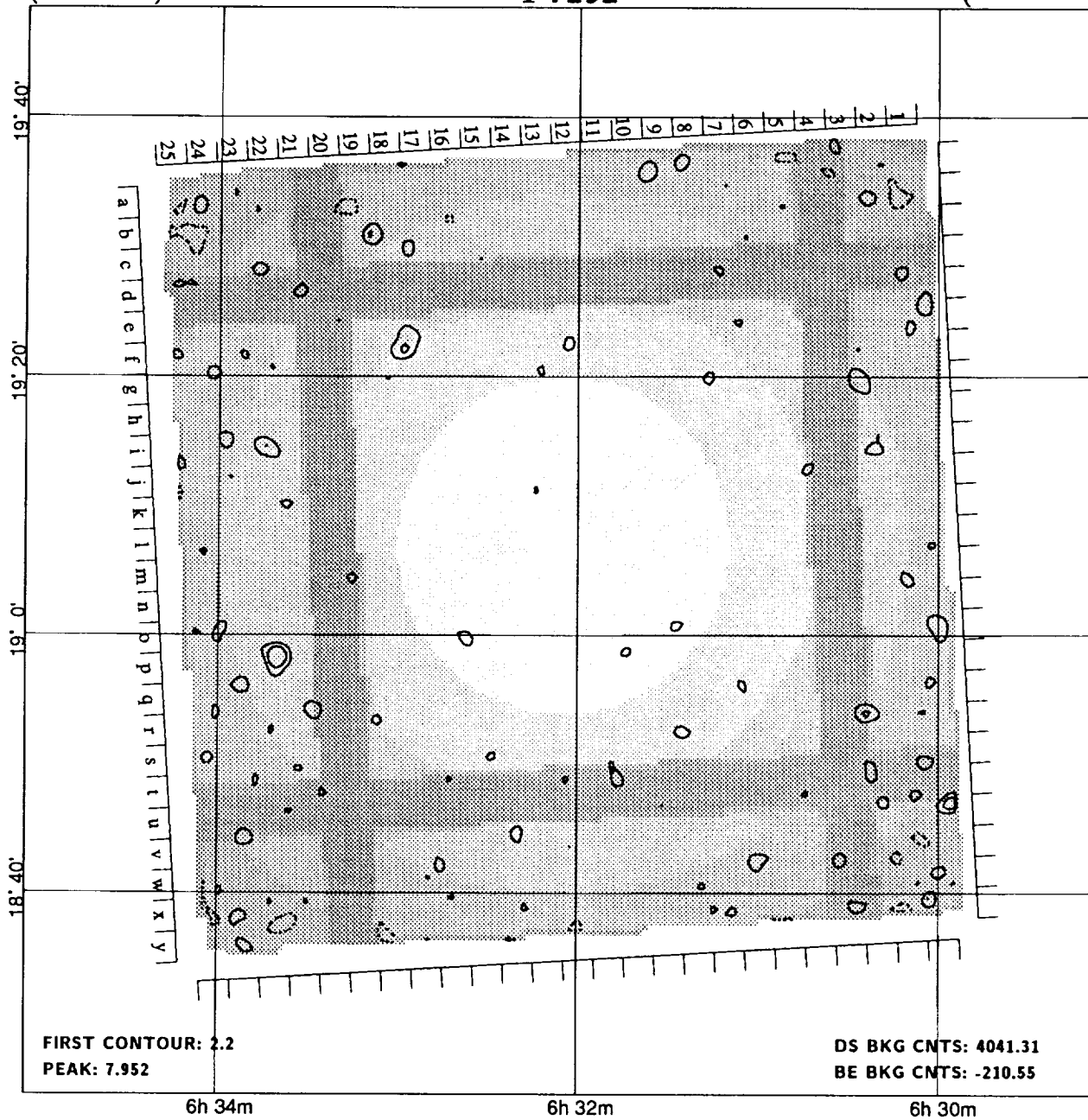
DATE: 1980/ 91 - 1980/ 91
LIVETIME: 1622.3s
ROLL ANGLE: 86.5°

NH: 3.6E+21
REF/ID:
FIELD FLAGS: C

(6h 32m)

I 7292

(6h 32m)



FIELD CENTER: 06^h32^m06.4^s 19°06'23'' (B1950)
06^h35^m03.0^s 19°03'57'' (J2000)
l: 194.10 b: 5.10

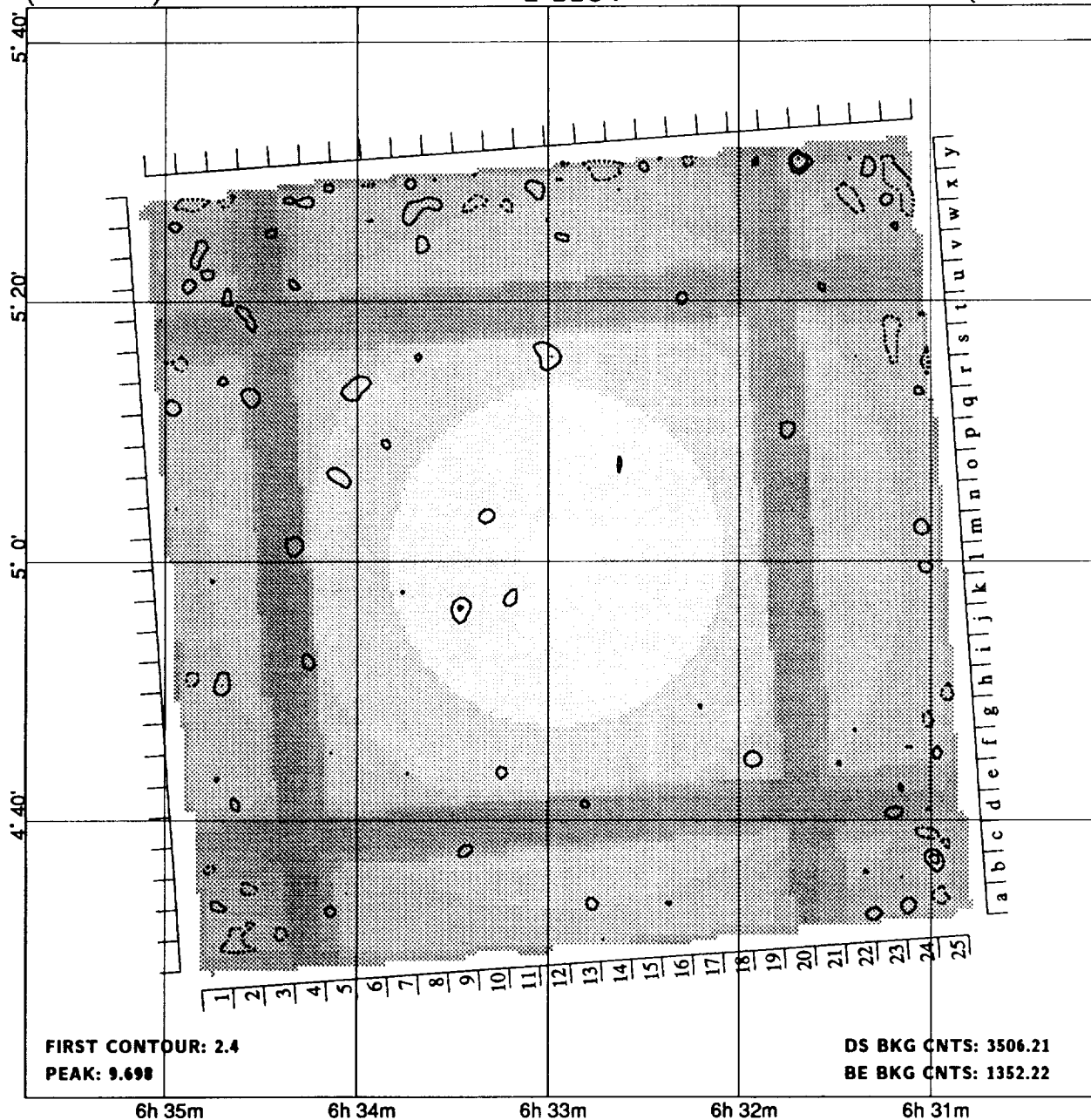
DATE: 1981/ 87 - 1981/ 87
LIVETIME: 3274.8s
ROLL ANGLE: 86.7°

NH: 3.6E+21
REF/ID:
FIELD FLAGS: C

(6h 32m)

I 1184

(6h 32m)



ROSETTE TRAPEZIUM GALACTIC PLANE SURVEY

FIELD CENTER: $06^h 32^m 54.9^s$ $05^\circ 00' 42''$ (B1950)
 $06^h 35^m 34.4^s$ $04^\circ 58' 13''$ (J2000)
 $l: 206.70$ $b: -1.25$

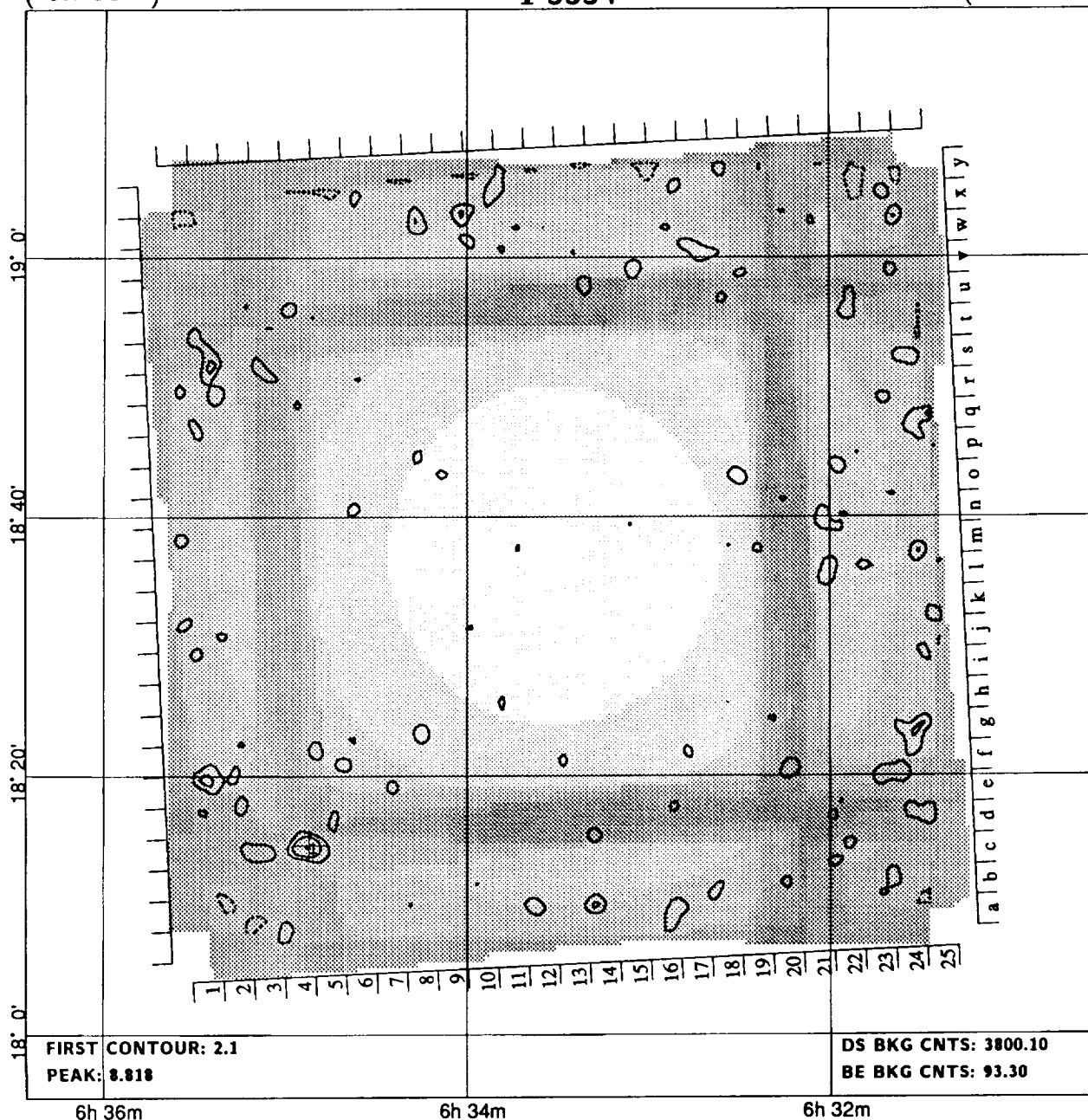
DATE: 1979/269 - 1979/279
 LIVETIME: 2841.2s
 ROLL ANGLE: -94.0°

NH: $6.6E+21$
 REF/ID: SNR
 FIELD FLAGS:

(6h 33m)

I 3334

(6h 33m)



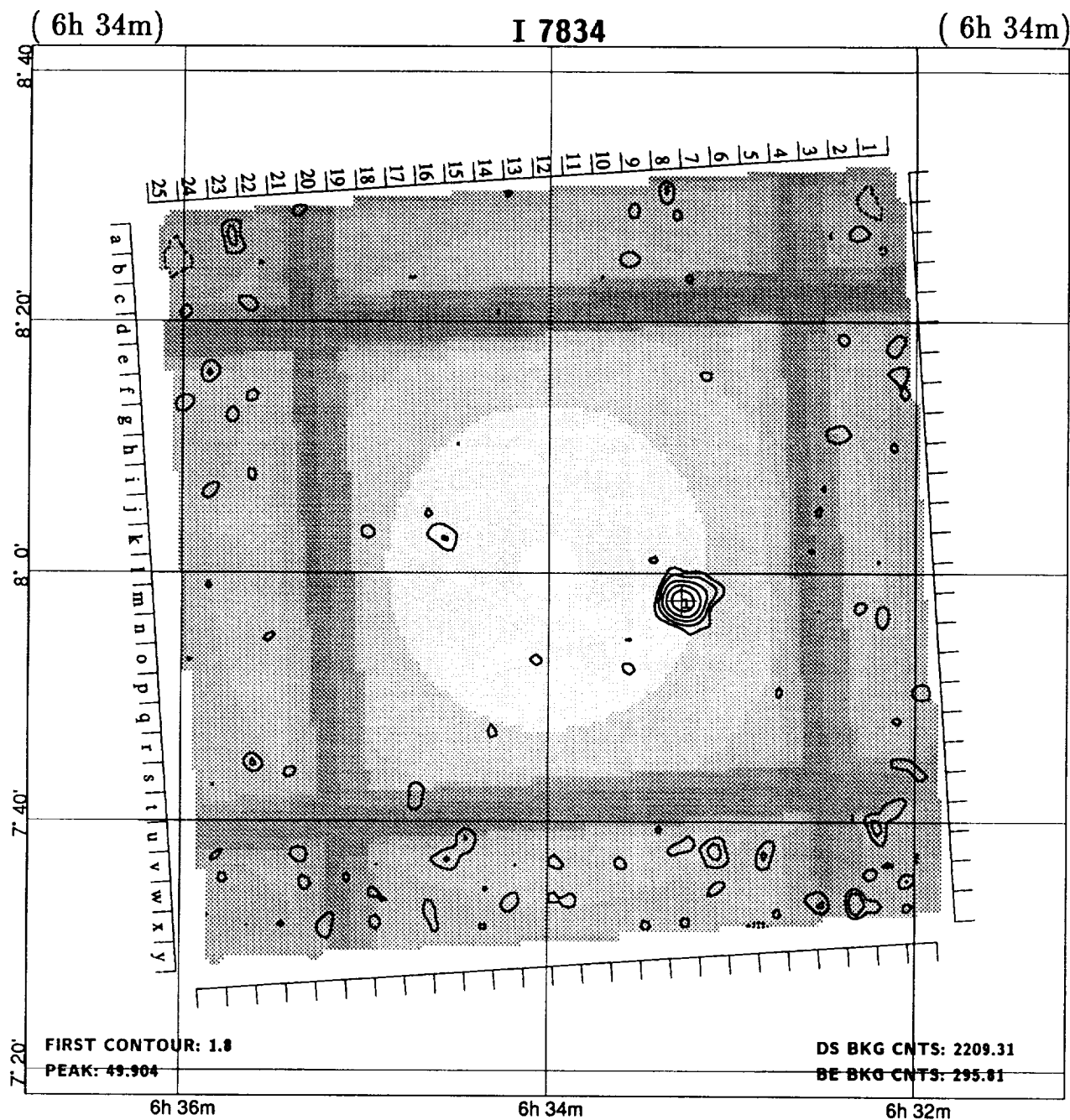
COS-B GAMMA RAY SOURCE REGION C

FIELD CENTER: $06^h 33^m 28.8^s$ $18^\circ 37' 11''$ (B1950)
 $06^h 36^m 24.7^s$ $18^\circ 34' 39''$ (J2000)
 $l: 194.68$ $b: 5.16$

DATE: 1979/264 - 1979/264
 LIVETIME: 3079.3s
 ROLL ANGLE: -92.6°

NH: $3.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1713	1	06 34 52.4	18 14 39	55	*0.0139	0.0040	15.3	3.7	3.5	0.8	1609	29.8	



5, SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: 06^h34^m00.0^s 07°59'59" (B1950)
06^h36^m43.0^s 07°57'25" (J2000)
 ℓ : 204.18 b : 0.38

DATE: 1980/103 - 1980/103
LIVETIME: 1790.3s
ROLL ANGLE: 86.1°

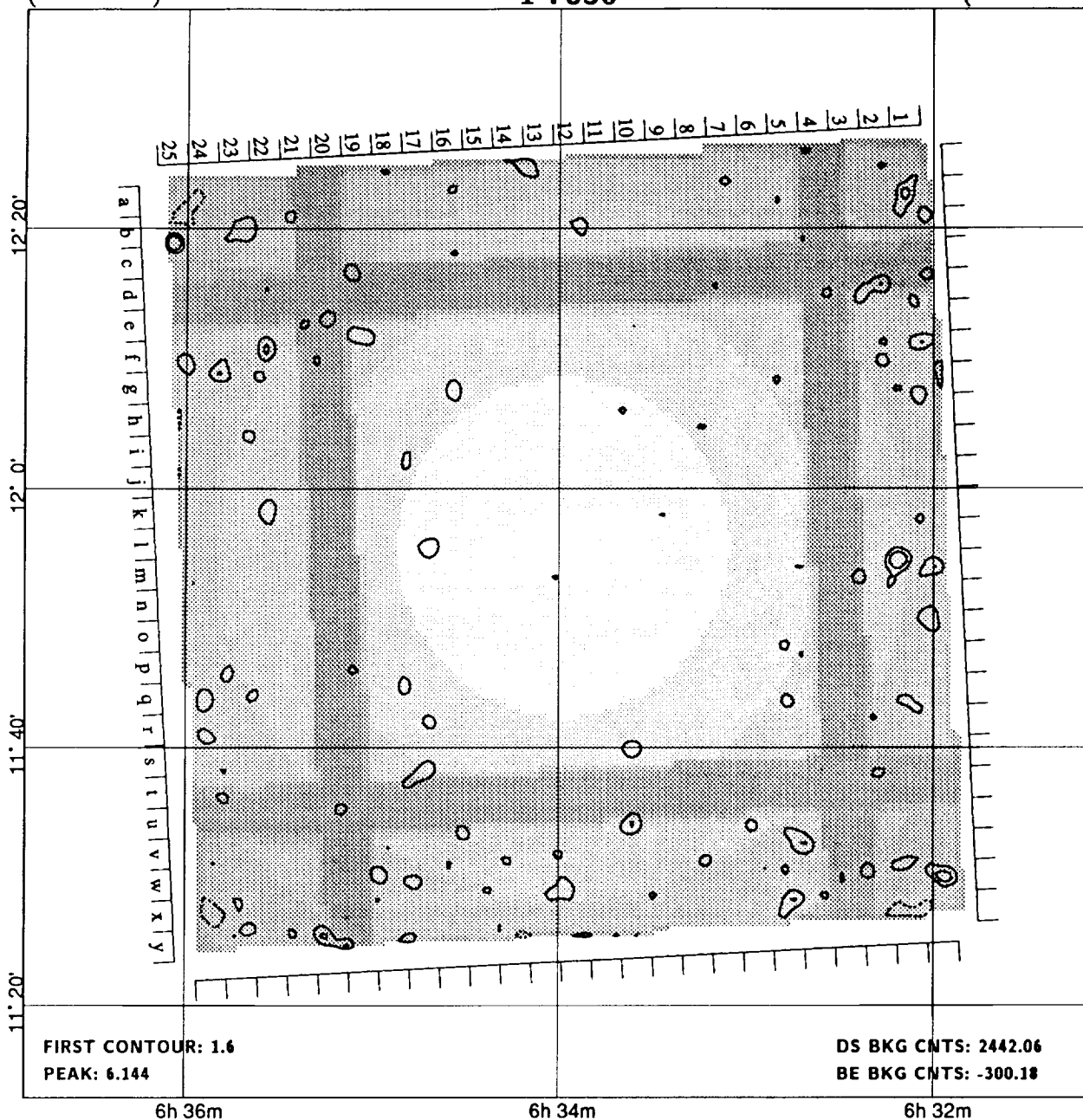
NH: 5.6E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1706	1	06 33 16.3	07 57 46	38	0.143	0.011	167.6	5.4	12.7	1.0	0	11.0	H	SNR

(6h 34m)

I 7830

(6h 34m)



1, SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: $06^{\text{h}}34^{\text{m}}00.0^{\text{s}}$ $11^{\circ}54'59''$ (B1950)
 $06^{\text{h}}36^{\text{m}}47.6^{\text{s}}$ $11^{\circ}52'25''$ (J2000)
 $l: 200.71$ $b: 2.19$

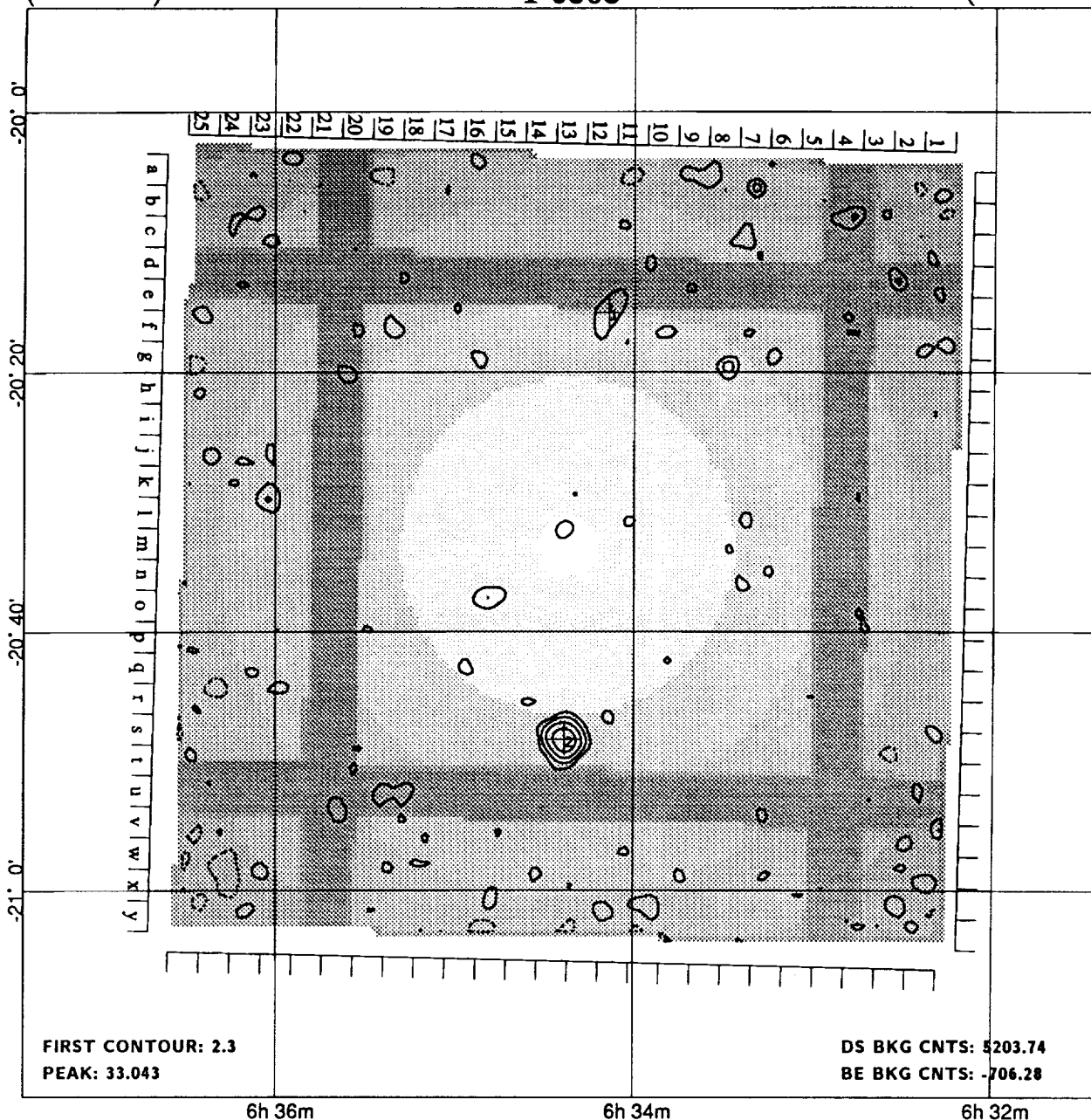
DATE: 1980/ 85 - 1980/ 85
 LIVETIME: 2049.9s
 ROLL ANGLE: 87.1°

NH: $4.3\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(6h 34m)

I 6305

(6h 34m)



PKS, OBSERVATIONS OF GIANT RADIO GALAXIES

FIELD CENTER: $06^h 34^m 24.0^s$ $-20^\circ 33' 59''$ (B1950)
 $06^h 36^m 32.9^s$ $-20^\circ 36' 34''$ (J2000)
 $l: 229.93$ $b: -12.39$

DATE: 1980/ 82 - 1980/ 82
 LIVETIME: 4368.2s
 ROLL ANGLE: 91.3°

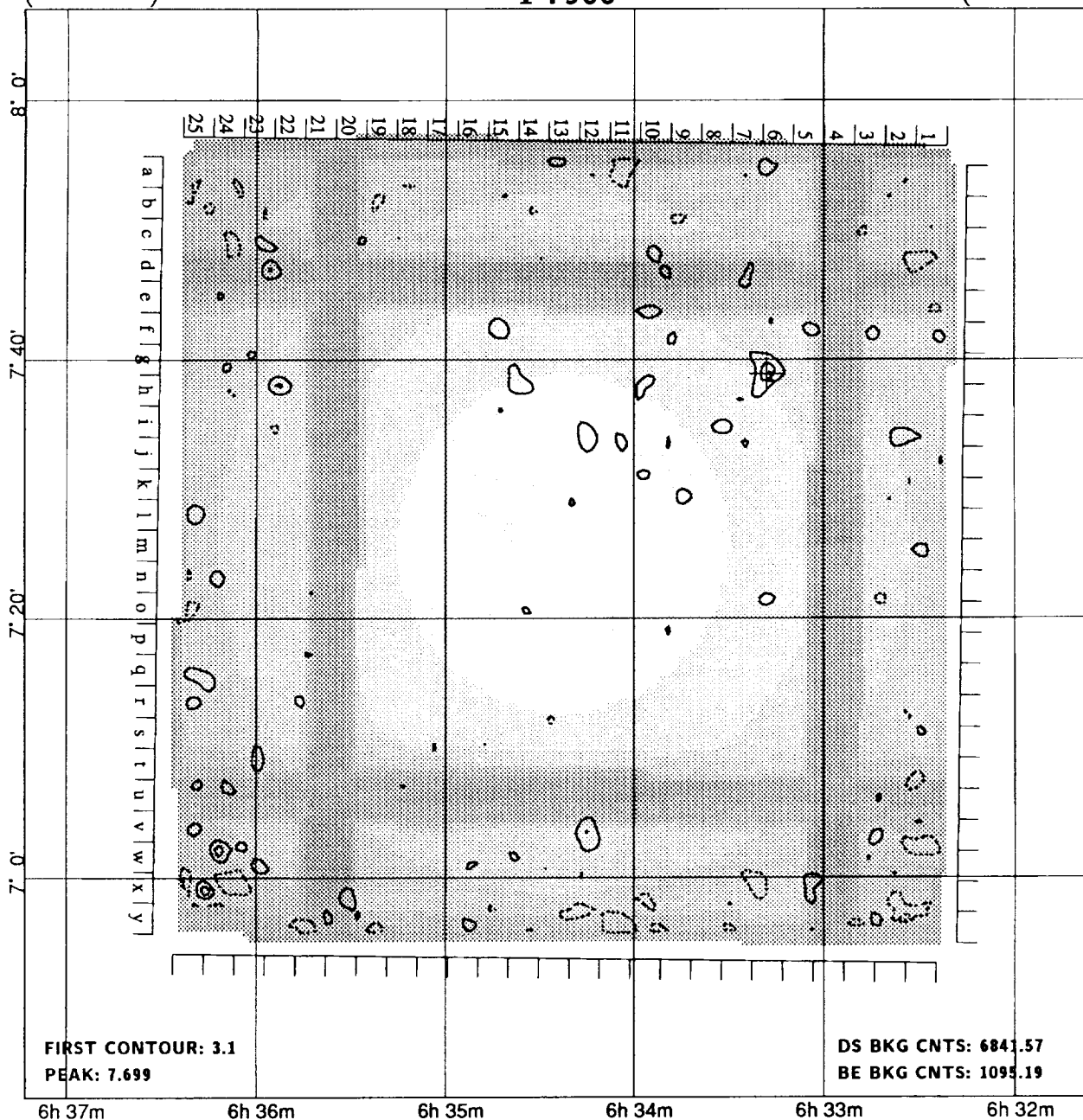
NH: $2.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1709	1	06 34 08.5	-20 15 24	57	*0.0075	0.0021	17.5	6.5	3.6	0.9	906	18.9	
1710	2	06 34 23.2	-20 48 22	38	0.0379	0.0040	98.2	8.8	9.5	1.0	0	14.3	H

(6h 34m)

I 7966

(6h 34m)



FIELD CENTER: 06^h34^m24.0^s 07°24'59" (B1950)
06^h37^m06.3^s 07°22'24" (J2000)
ℓ: 204.74 b: 0.19

DATE: 1980/ 85 - 1980/ 85
LIVETIME: 5543.9s
ROLL ANGLE: 90.7°

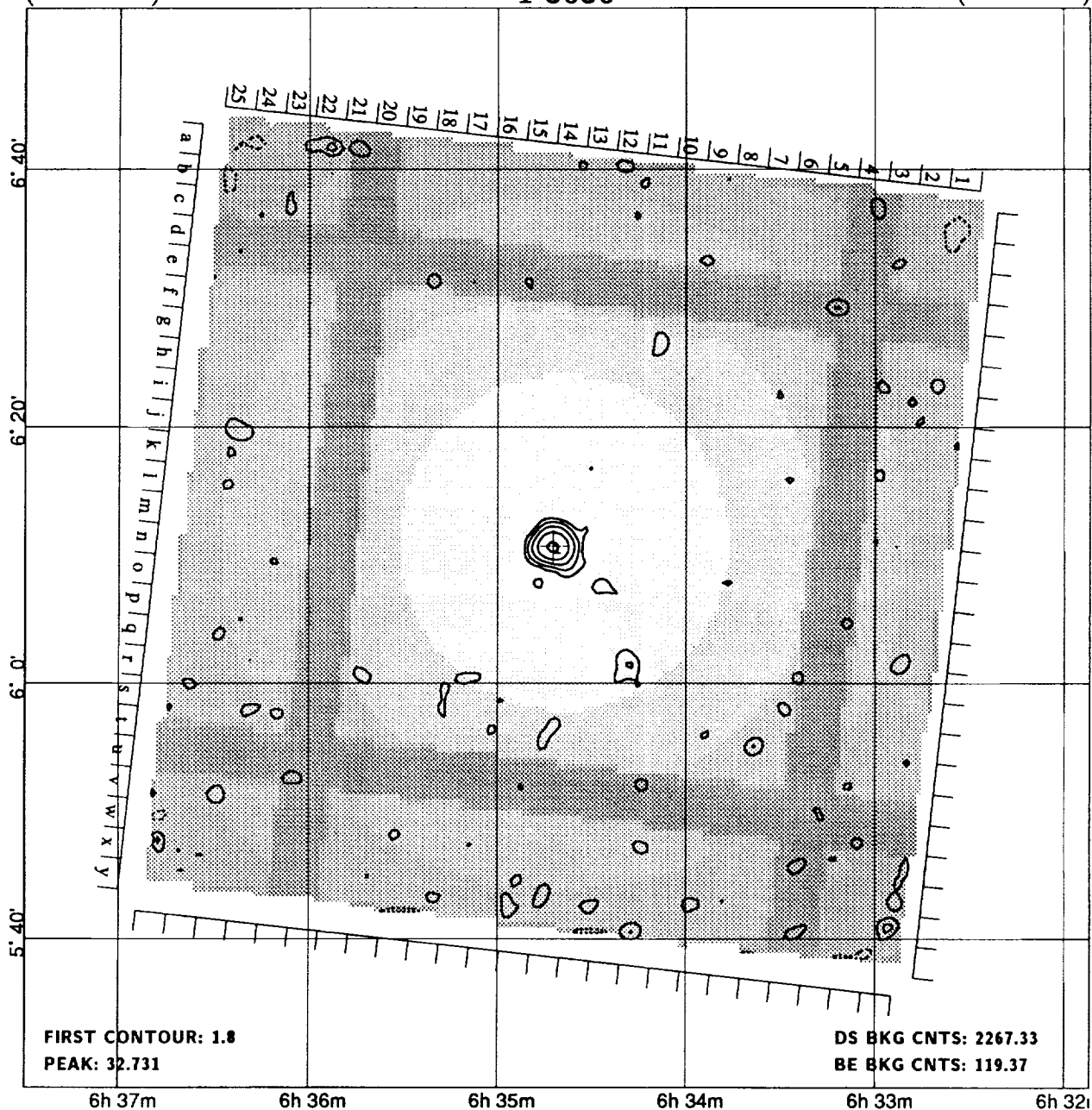
NH: 5.9E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1707	1	06 33 17.9	07 38 52	56	0.0078	0.0021	21.9	13.1	3.7	0.8	0	21.6	

(6h 34m)

I 3050

(6h 34m)



COLLIDING STELLAR WINDS: HD 47129

FIELD CENTER: $06^{\text{h}}34^{\text{m}}40.8^{\text{s}}$ $06^{\circ}10'29''$ (B1950)
 $06^{\text{h}}37^{\text{m}}21.6^{\text{s}}$ $06^{\circ}07'53''$ (J2000)
 ℓ : 205.87 b : -0.32

DATE: 1979/ 86 - 1979/ 86

NH: $6.4\text{E}+21$

LIVETIME: 1837.3s

REF/ID: SNR

ROLL ANGLE: 96.3°

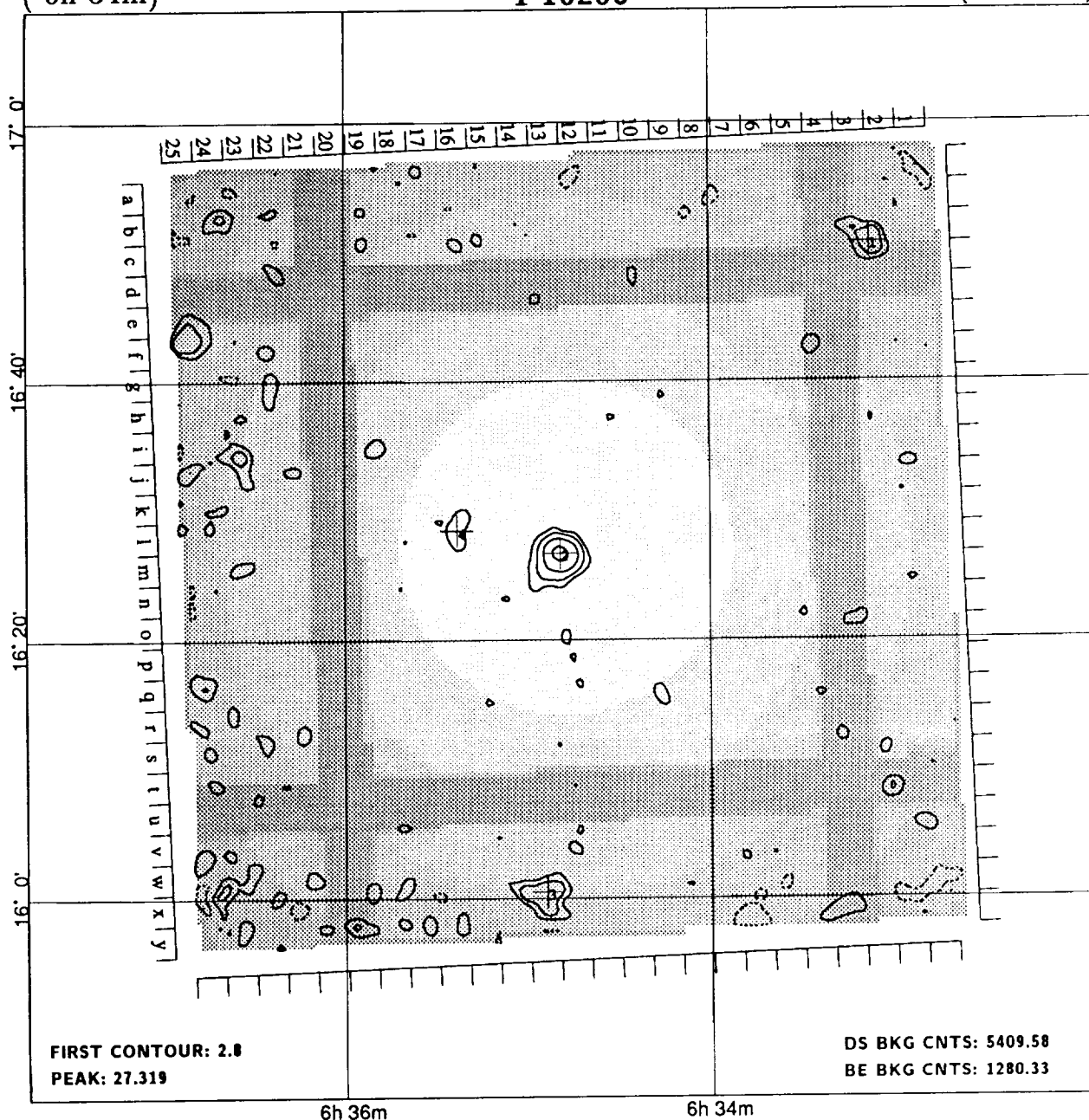
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1711	1	06 34 42.4	06 10 43	31	0.0977	0.0086	133.6	6.4	11.3	1.1	0	0.4	H	*

(6h 34m)

I 10206

(6h 34m)



GAMMA GEM,VARIABILITY IN EARLY A STARS

FIELD CENTER: 06^h34^m49.0^s 16°26'36" (B1950)
 06^h37^m42.2^s 16°23'58" (J2000)
 l : 196.77 b : 4.45

DATE: 1981/ 76 - 1981/ 76
 LIVETIME: 4383.5s
 ROLL ANGLE: 87.8°

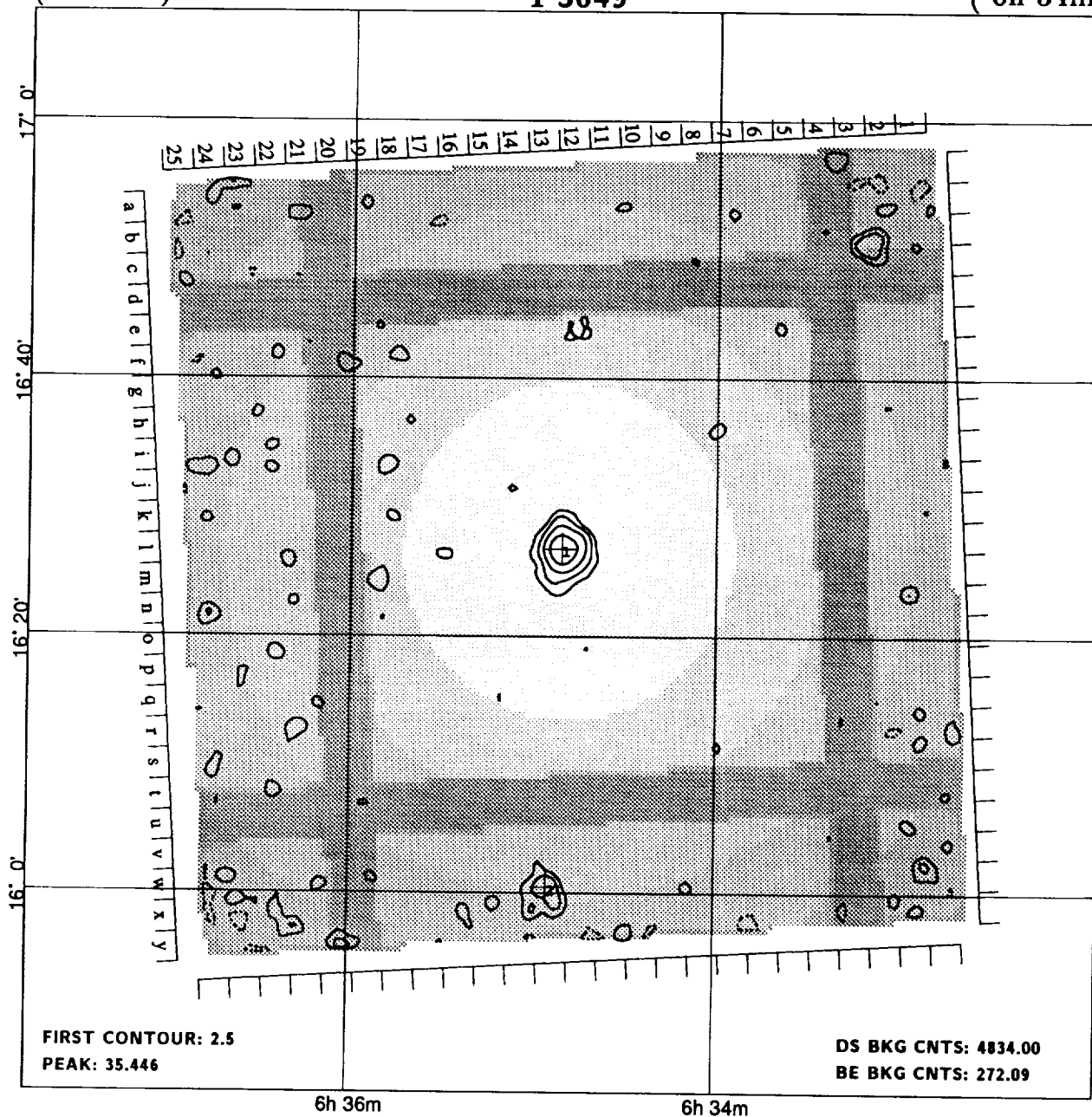
NH: 3.6E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1705	1	06 33 07.5	16 50 39	63	*0.0150	0.0040	19.3	7.7	3.7	1.1	1003	34.5	H	
1712	2	06 34 49.3	16 26 39	31	0.0373	0.0036	121.6	17.4	10.3	1.2	0	0.2	AH	S
1714	3	06 34 53.9	16 00 29	55	0.0128	0.0033	22.5	11.5	3.9	1.2	0	26.3	AH	
1716	4	06 35 23.1	16 28 25	47	0.0083	0.0021	24.8	16.2	3.9	0.6	0	8.4		

(6h 34m)

I 3049

(6h 34m)



GAMMA GEM, SEARCH FOR SOFT X-RAY EMISSION

FIELD CENTER: 06^h34^m50.0^s 16°26'29'' (B1950)
06^h37^m43.2^s 16°23'51'' (J2000)
 ℓ : 196.78 b : 4.45

DATE: 1979/ 86 - 1979/ 86
LIVETIME: 3917.1s
ROLL ANGLE: 86.8°

NH: 3.6E+21
REF/ID:
FIELD FLAGS:

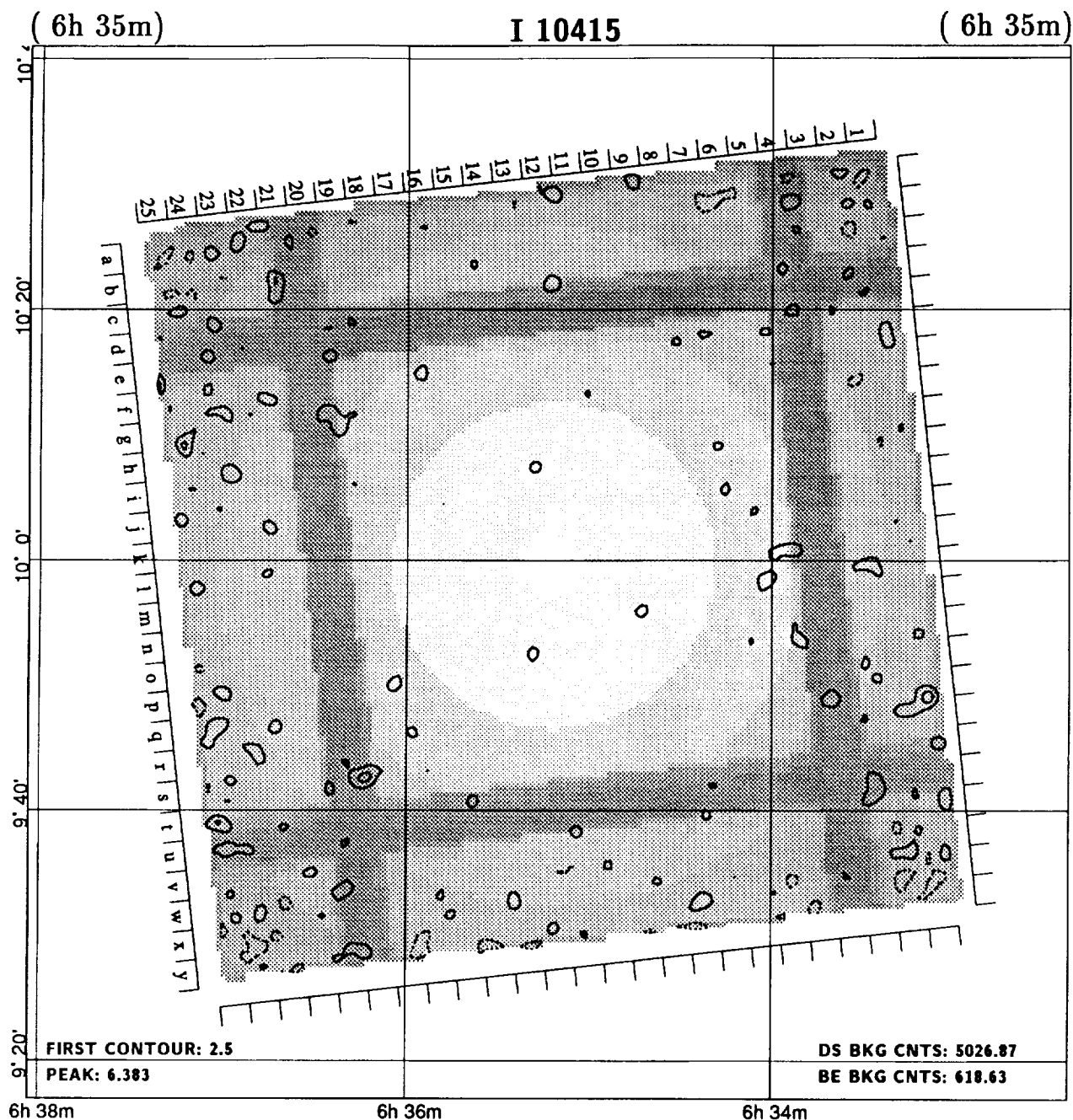
CAT #	FLD #	RA (1950)	DEC (1950)	± ''	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1712	1	06 34 50.8	16 26 52	31	0.0528	0.0044	153.9	13.1	11.9	1.4	0	0.2	AH	S
1714	2	06 34 54.9	16 00 25	55	0.0126	0.0034	20.2	8.8	3.8	1.2	0	26.0	AH	

(6h 35m)



NH: 5.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R' 30.0	SRC EH	ID FLG
1703	1	06 31 43.9	-62 17 04	56	*0.038	0.011	14.9	3.1	3.5	1.4	601	30.0	EH	
1715	2	06 35 09.4	-62 35 37	41	0.0177	0.0044	19.7	4.3	4.0	0.9	0	0.6	H	*



EMPTY FIELD IN MON (MISPOINT)

FIELD CENTER: 06^h35^m13.0^s 09°58'59" (B1950)
06^h37^m58.3^s 09°56'20" (J2000)
ℓ: 202.56 b: 1.56

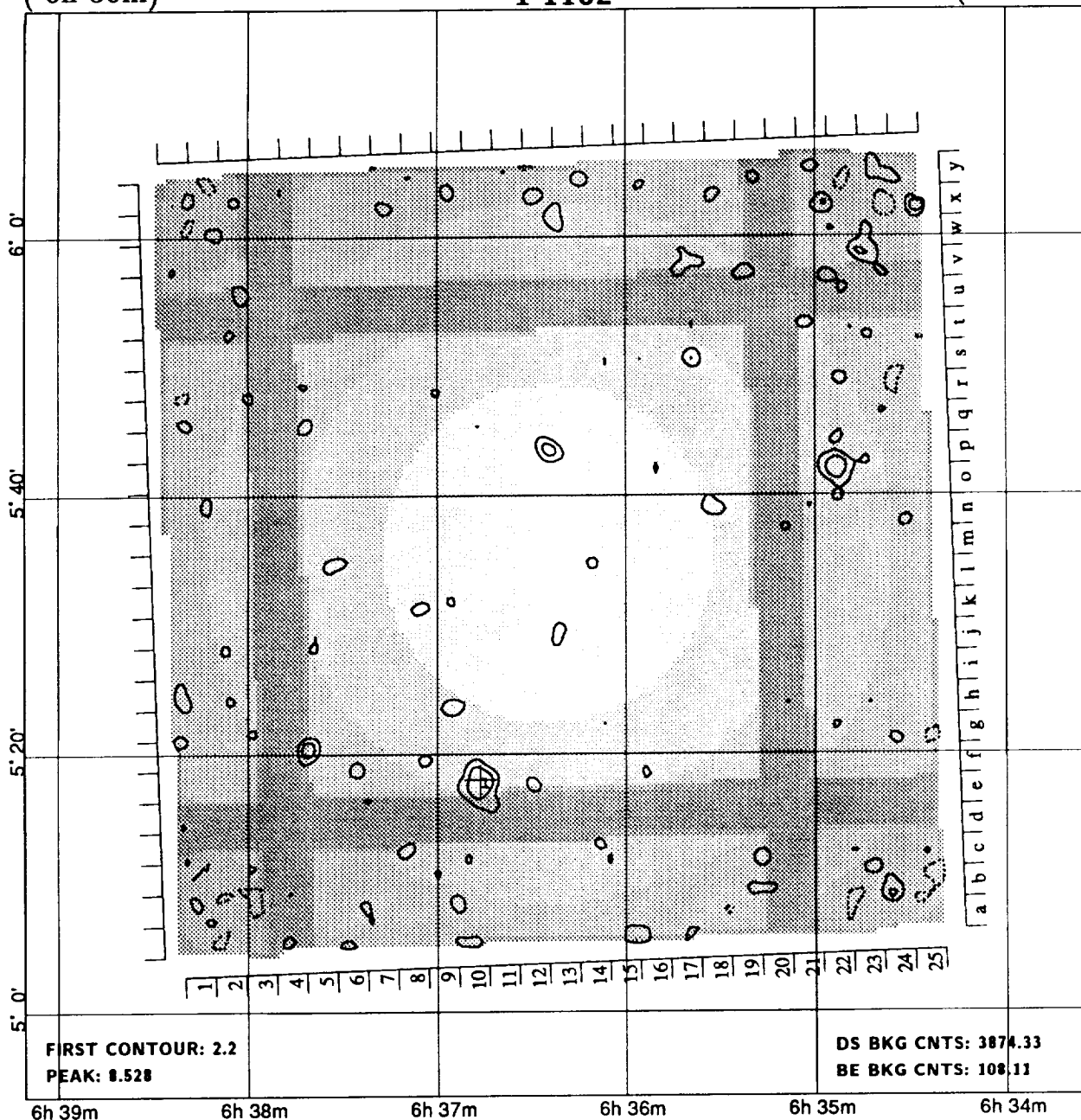
DATE: 1981/ 91 - 1981/ 91
LIVETIME: 4073.4s
ROLL ANGLE: 83.7°

NH: 4.9E+21
REF/ID:
FIELD FLAGS:

(6h 36m)

I 1182

(6h 36m)



ROSETTE TRAPEZIUM GALACTIC PLANE SURVEY

FIELD CENTER: $06^{\text{h}}36^{\text{m}}22.0^{\text{s}}$ $05^{\circ}35'26''$ (B1950)
 $06^{\text{h}}39^{\text{m}}02.1^{\text{s}}$ $05^{\circ}32'42''$ (J2000)
 $l: 206.58$ $b: -0.22$

DATE: 1979/269 - 1979/269
 LIVETIME: 3139.5s
 ROLL ANGLE: -91.9°

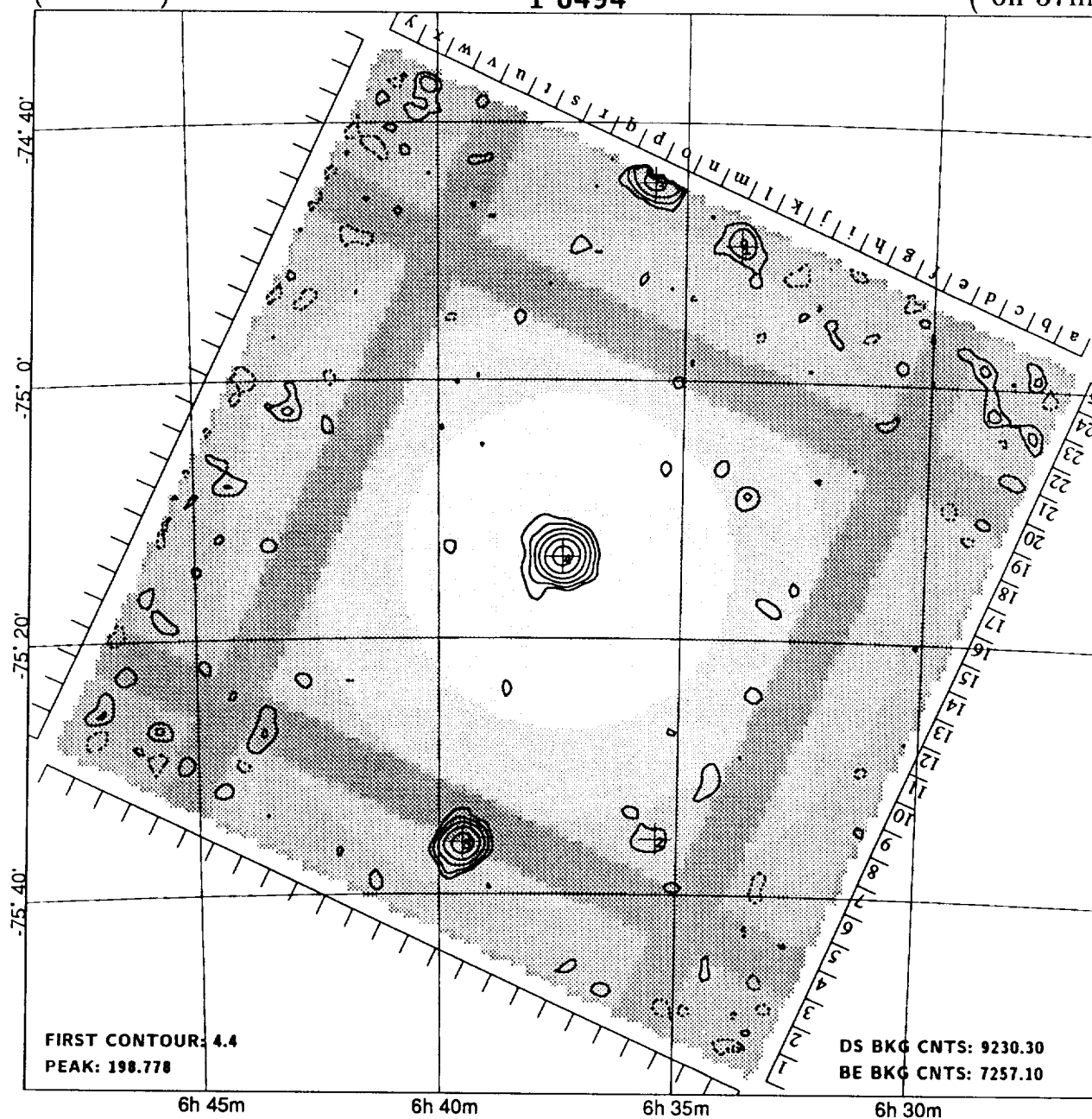
NH: $6.5\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1719	1	06 36 46.3	05 17 56	52	0.0145	0.0033	24.4	6.6	4.4	1.0	500	18.6	H	

(6h 37m)

I 8494

(6h 37m)



0637-75,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: 06^h37^m23.2^s -75°13'36" (B1950)06^h35^m46.3^s -75°16'15" (J2000)

l: 286.37 b: -27.16

DATE: 1980/349 - 1980/349

LIVETIME: 7479.6s

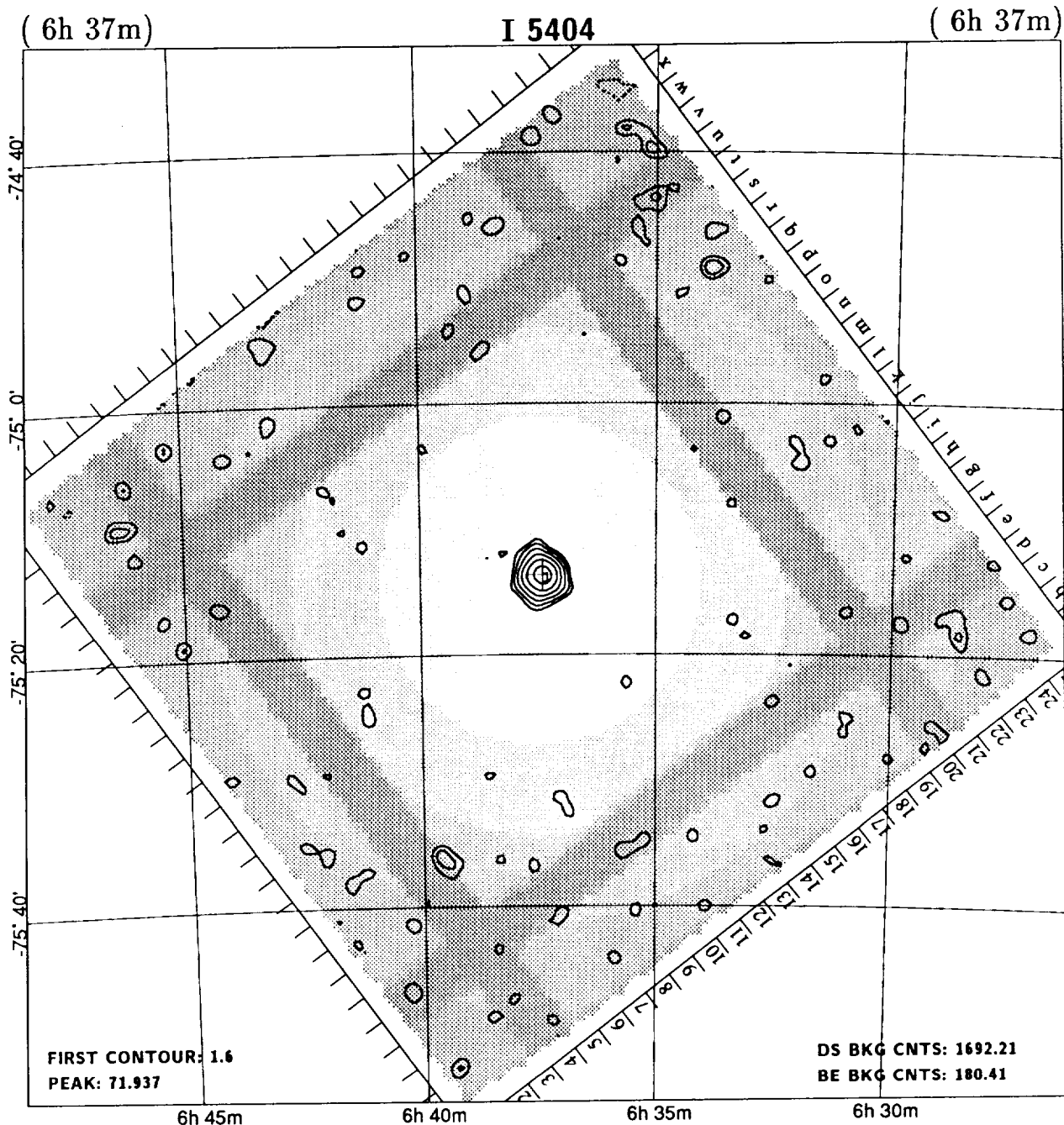
ROLL ANGLE: -155.4°

NH: 9.2E+20

REF/ID: Q

FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1708	1	06 33 53.2	-74 49 29	55	0.0114	0.0027	32.6	27.4	4.2	1.1	200	27.8	H	
1717	2	06 35 26.6	-75 35 45	64	0.0080	0.0022	28.2	31.8	3.6	0.7	0	23.1		
1718	3	06 35 38.7	-74 44 39	48	*0.0634	0.0061	124.6	20.4	10.4	1.1	804	29.7	EH	
1720	4	06 37 26.7	-75 13 38	31	0.1491	0.0053	830.0	44.0	28.1	1.2	0	0.4	AH	Q
1725	5	06 39 30.0	-75 35 59	47	*0.0761	0.0049	261.0	23.0	15.5	1.1	907	23.6	H	



0637-75,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: 06^h37^m23.3^s -75°13'37" (B1950)
06^h35^m46.4^s -75°16'16" (J2000)
 l : 286.37 b : -27.16

DATE: 1979/303 - 1979/303
LIVETIME: 1371.2s
ROLL ANGLE: -126.9°

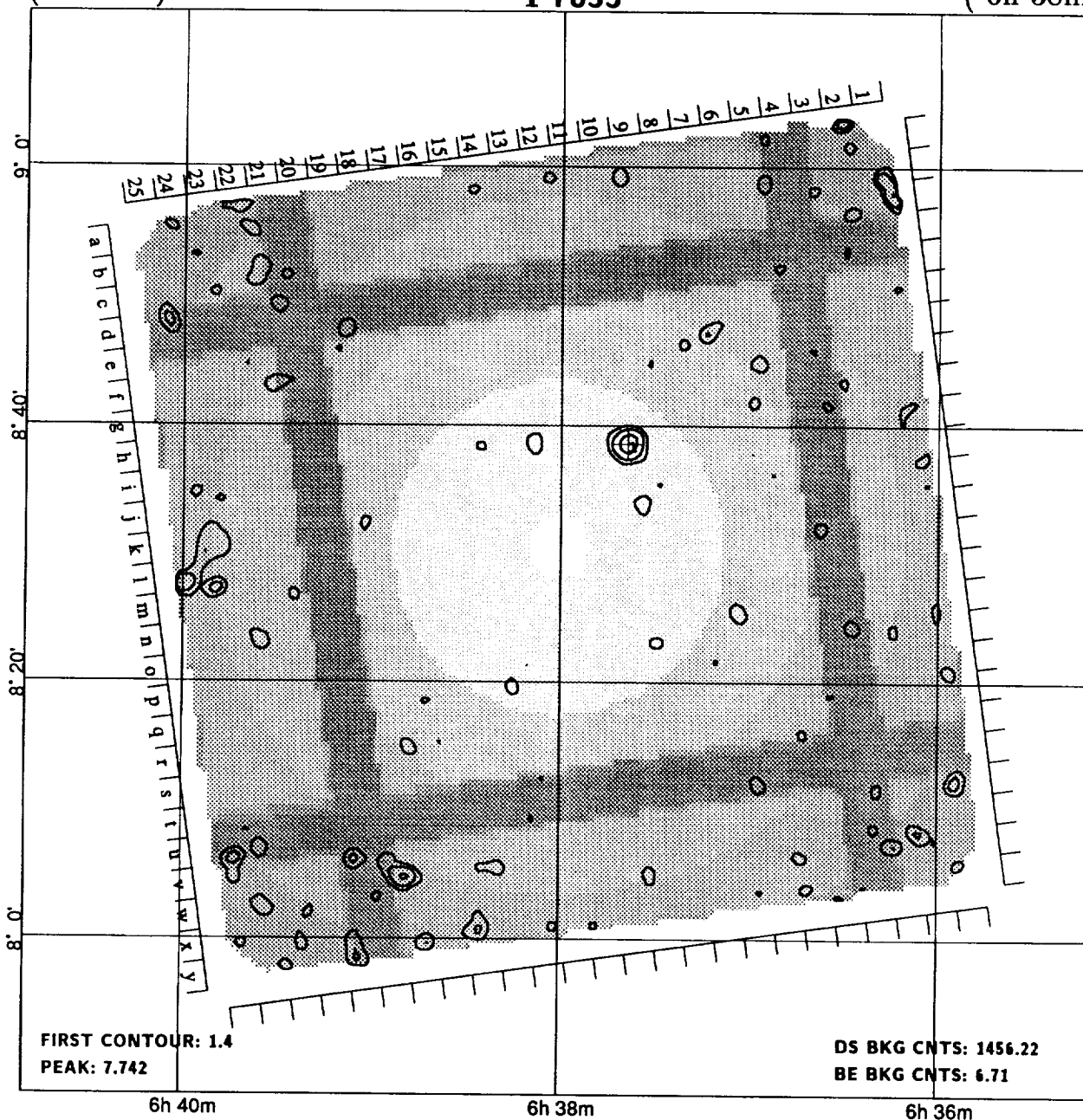
NH: 9.2E+20
REF/ID: Q
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1720	1	06 37 24.1	-75 13 34	31	0.262	0.016	268.3	4.7	16.2	1.1	0	0.2	AH	Q

(6h 38m)

I 7833

(6h 38m)



4, SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: 06^h38^m00.0^s 08°29'59" (B1950)
06^h40^m43.5^s 08°27'08" (J2000)
ℓ: 204.19 b: 1.48

DATE: 1980/105 - 1980/106
LIVETIME: 1180.0s
ROLL ANGLE: 82.0°

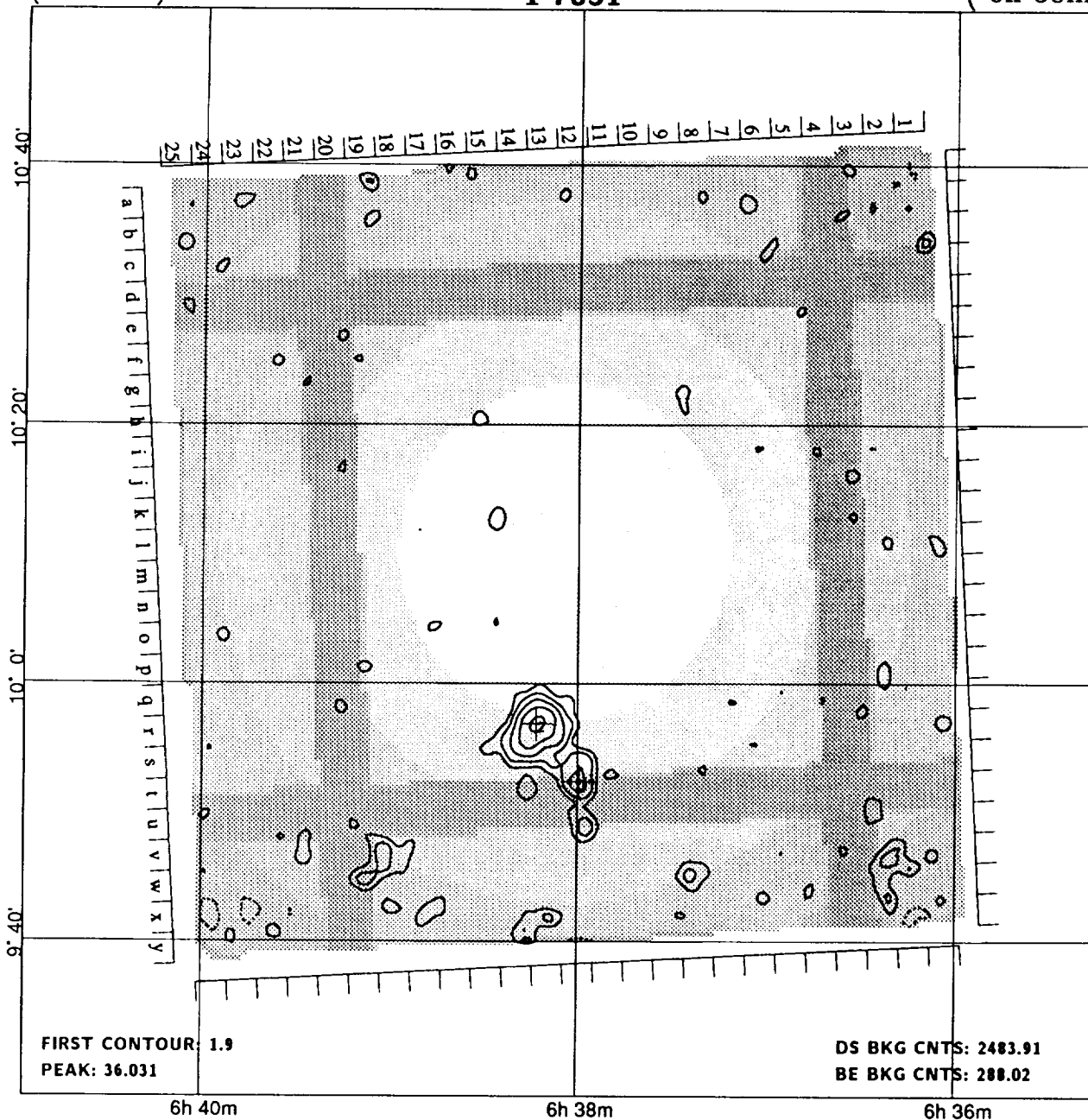
NH: 5.1E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1721	1	06 37 38.8	08 38 35	42	0.0366	0.0073	28.9	4.1	5.0	0.9	0	10.1	H	

(6h 38m)

I 7831

(6h 38m)



2, SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: 06^h38^m06.0^s 10°09'59" (B1950)
06^h40^m51.5^s 10°07'08" (J2000)
 ℓ : 202.72 b : 2.27

DATE: 1980/ 85 - 1980/ 85
LIVETIME: 2012.8s
ROLL ANGLE: 87.1°

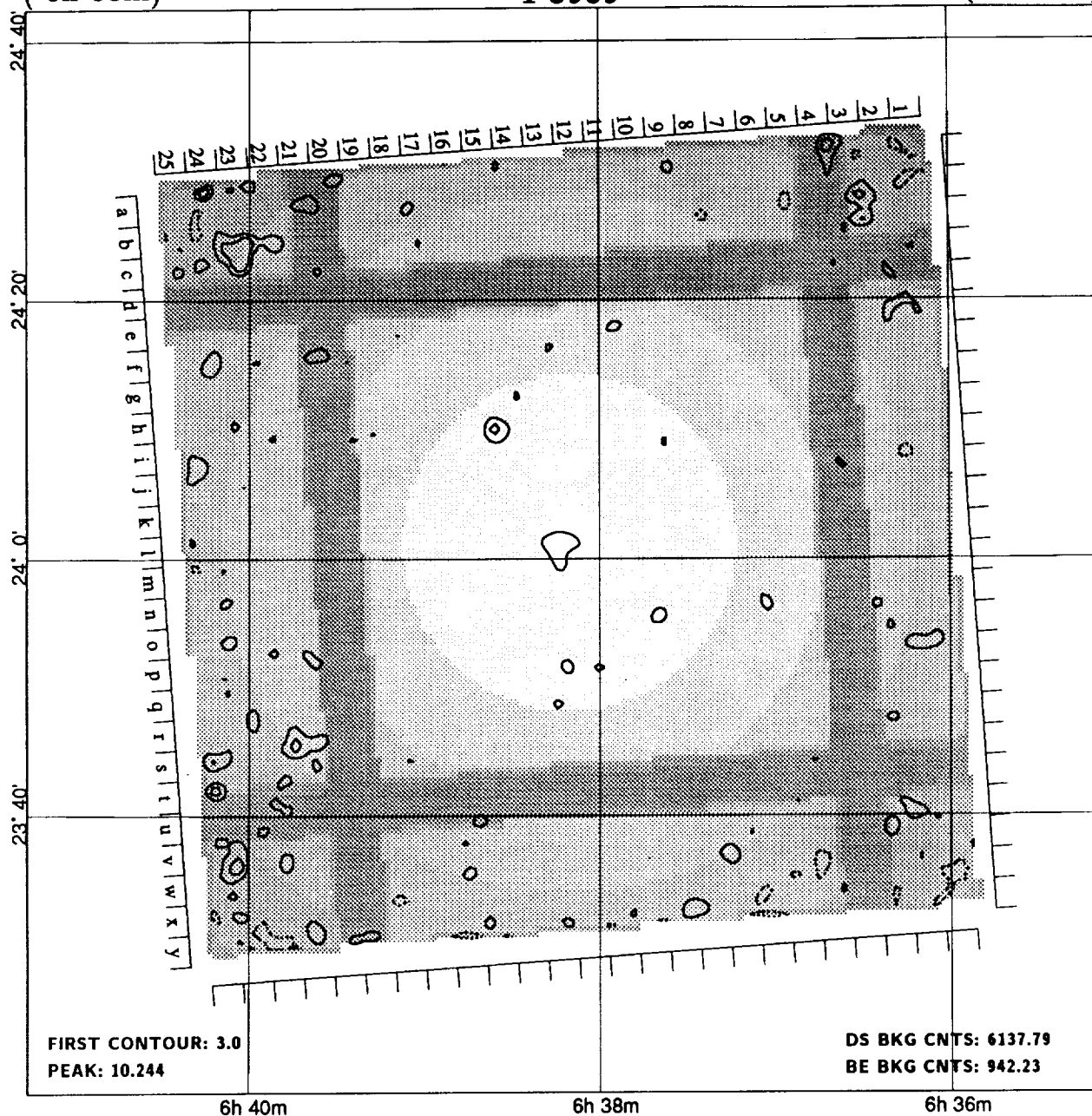
NH: 4.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1722	1	06 37 59.5	09 52 24	51	*0.0296	0.0055	32.6	4.4	5.4	7.9	1109	17.8	AH	S
1723	2	06 38 13.3	09 56 49	38	0.1124	0.0097	139.3	5.7	11.6	2.1	0	13.4	AH	S

(6h 38m)

I 5989

(6h 38m)

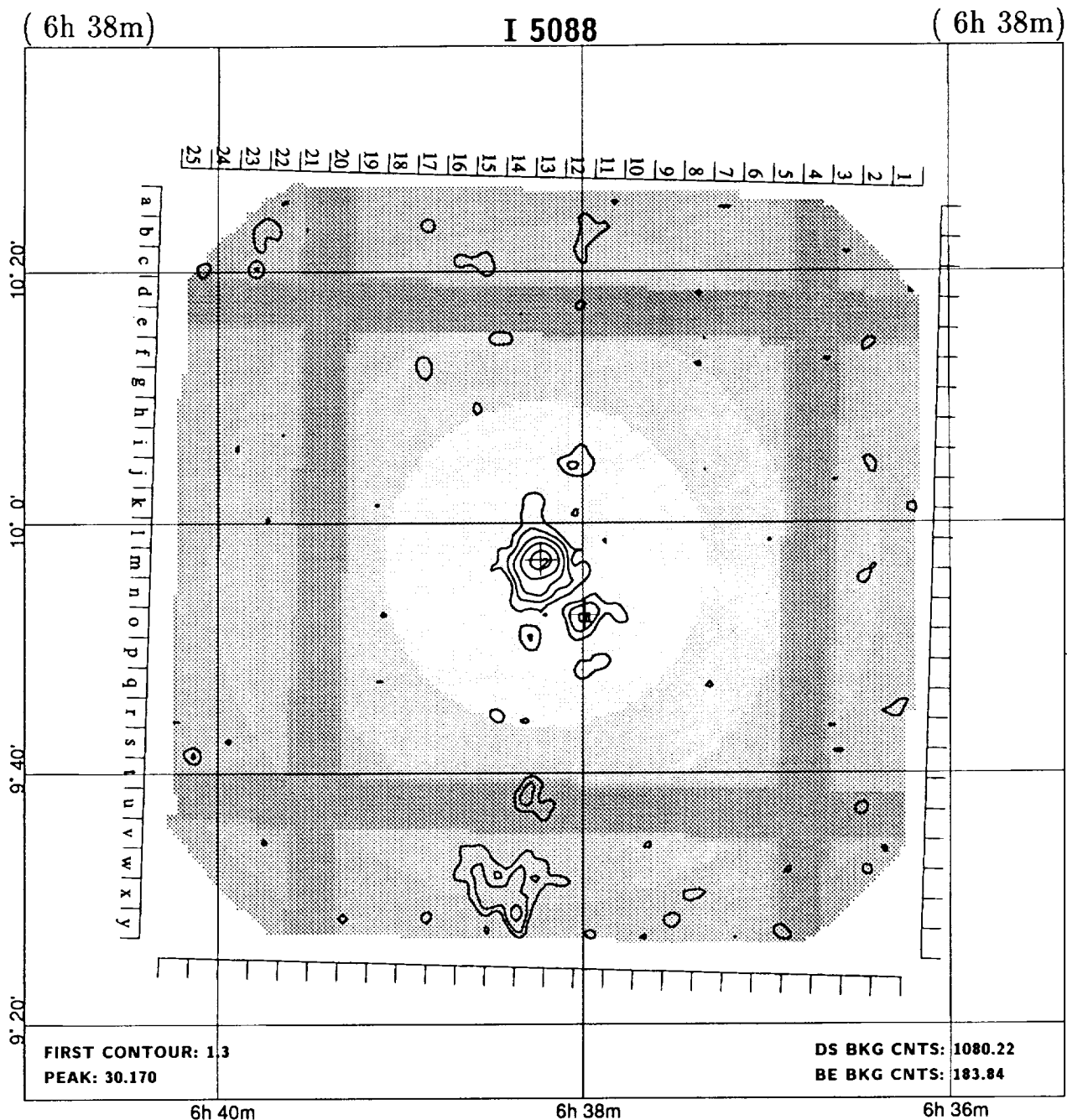


Chromospherically Active Stars: 241 (K6)

FIELD CENTER: $06^h 38^m 12.0^s$ $24^\circ 00' 35''$ (B1950)
 $06^h 41^m 15.0^s$ $23^\circ 57' 43''$ (J2000)
 $l: 190.33$ $b: 8.57$

DATE: 1981/ 83 - 1981/ 83
 LIVETIME: 4973.6s
 ROLL ANGLE: 86.1°

NH: $2.3E+21$
 REF/ID:
 FIELD FLAGS:



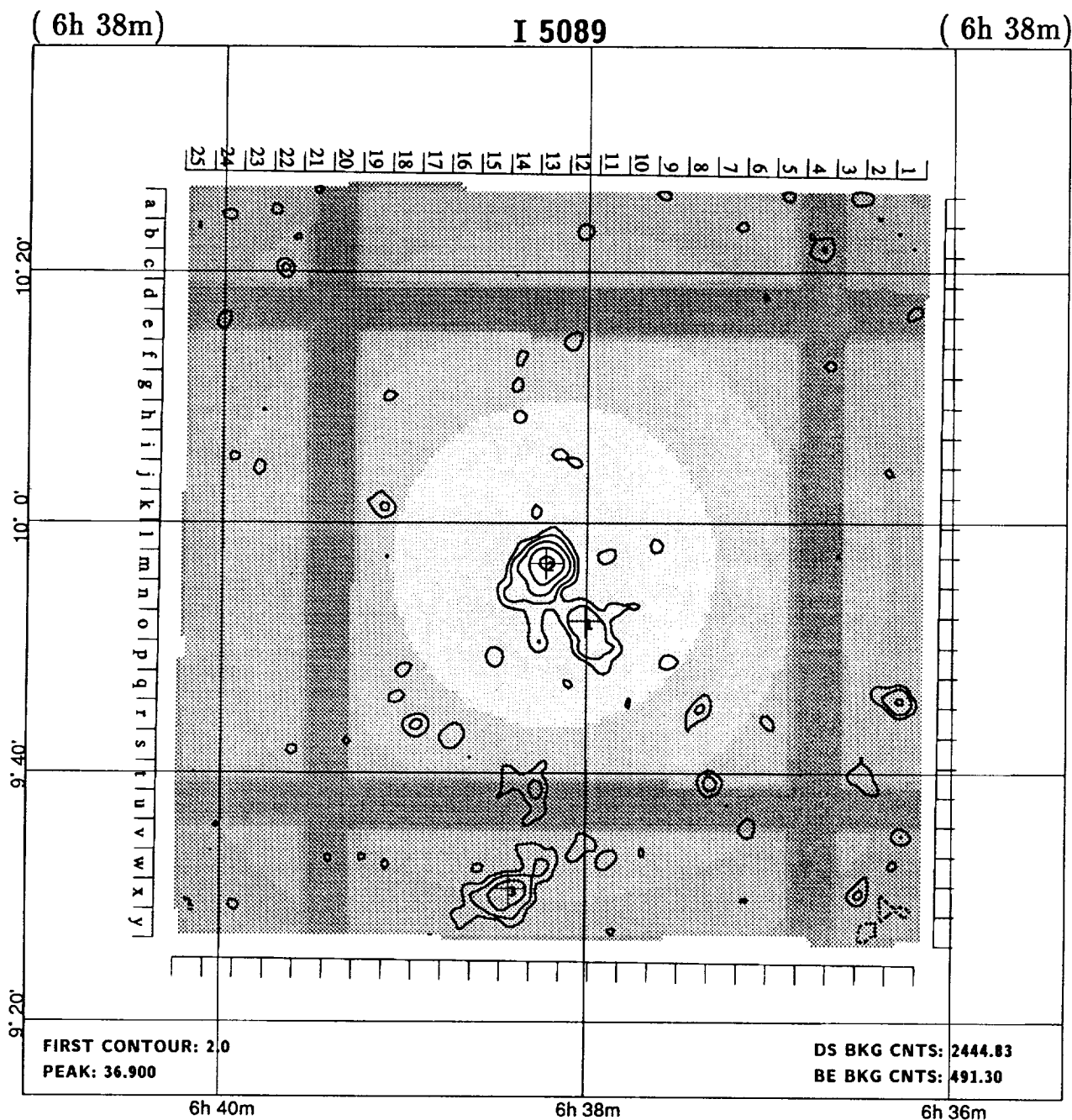
15 MON,VARIABILITY IN OB STARS

FIELD CENTER: $06^h 38^m 13.0^s$ $09^\circ 55' 59''$ (B1950)
 $06^h 40^m 58.2^s$ $09^\circ 53' 07''$ (J2000)
 ℓ : 202.94 b : 2.19

DATE: 1980/ 80 - 1980/ 80
LIVETIME: 906.8s
ROLL ANGLE: 91.7°

NH: 4.5E+21
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1722	1	06 37 59.4	09 52 36	36	0.0333	0.0077	21.5	3.5	4.3	1.0	0	4.7	AH	S
1723	2	06 38 13.9	09 57 02	31	0.190	0.017	128.5	3.5	11.2	1.6	0	1.3	AH	S



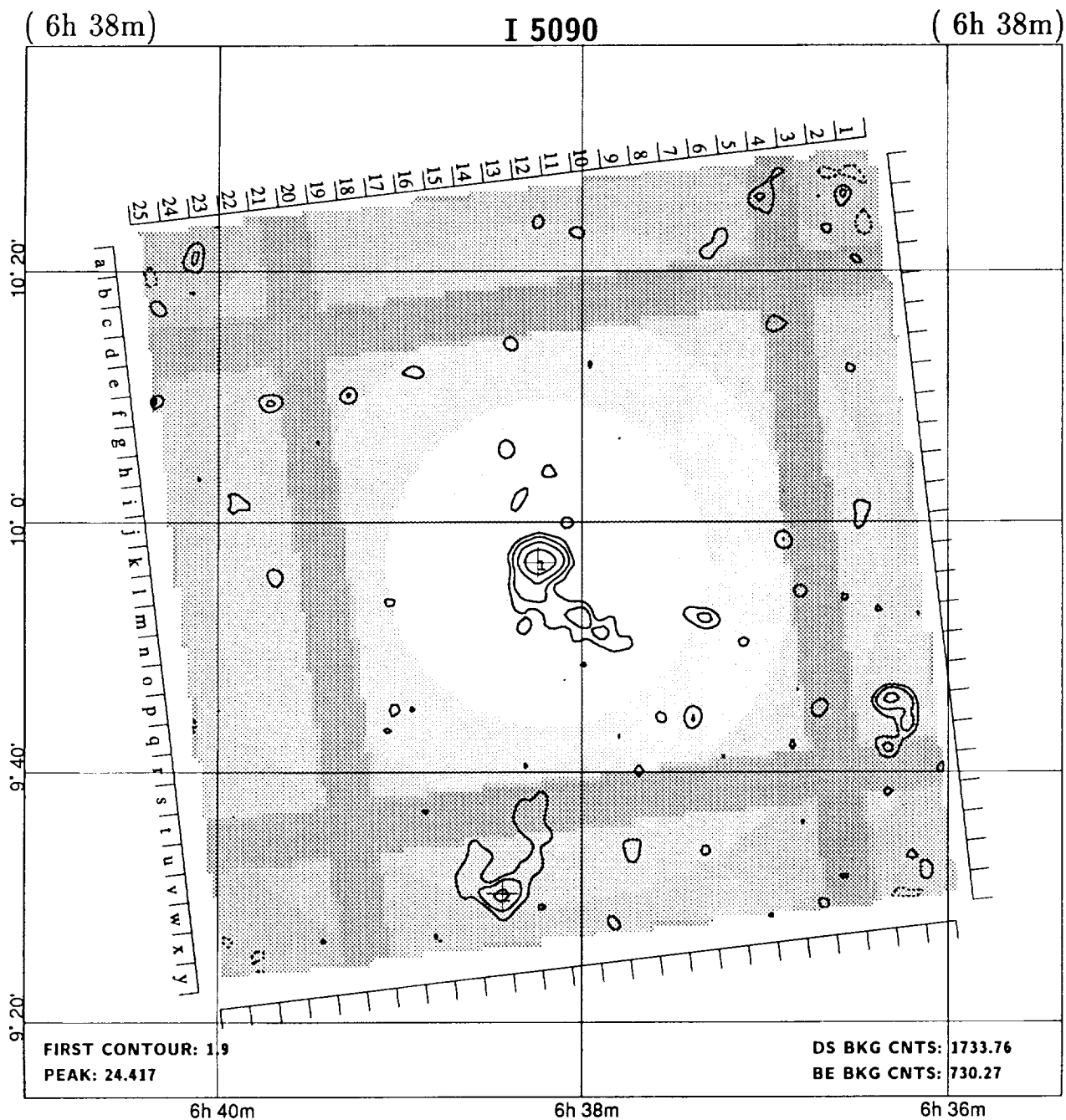
15 MON,VARIABILITY IN OB STARS

FIELD CENTER: 06^h38^m13.0^s 09°55'59" (B1950)
06^h40^m58.2^s 09°53'07" (J2000)
 ℓ : 202.94 b : 2.19

DATE: 1980/ 85 - 1980/ 85
LIVETIME: 2052.3s
ROLL ANGLE: 90.5°

NH: 4.5E+21
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1722	1	06 38 00.6	09 52 07	36	0.0227	0.0044	33.2	7.8	5.2	9.8	0	4.4	AH	S
1723	2	06 38 13.6	09 56 43	31	0.1066	0.0086	163.1	7.9	12.5	2.1	0	0.9	AH	S
1724	3	06 38 25.2	09 30 36	51	0.0355	0.0070	29.9	5.1	5.1	2.1	0	25.7	AH	S

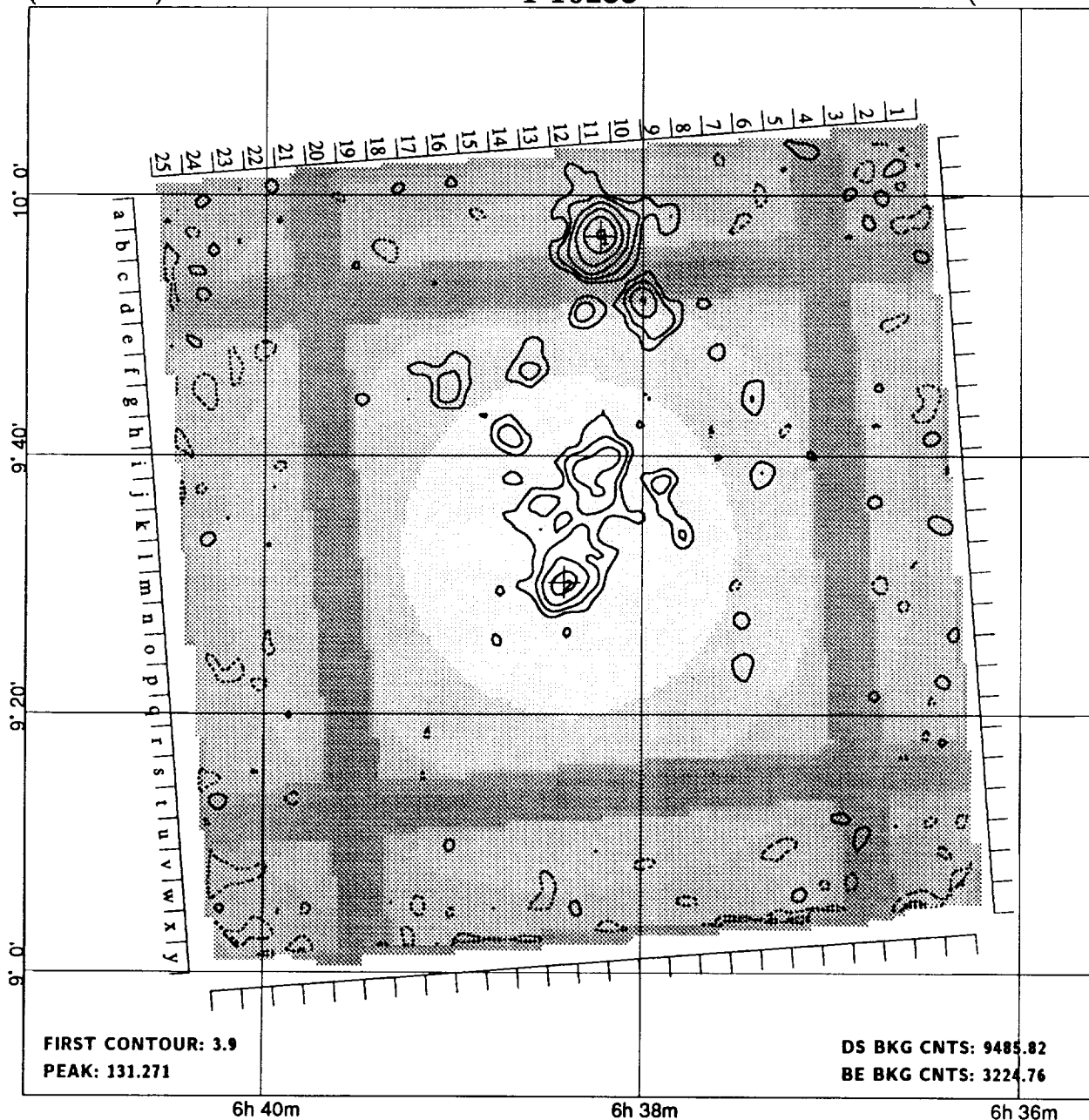


CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1723	1	06 38 14.6	09 56 46	31	0.102	0.010	110.9	7.1	10.2	1.9	0	0.9	AH	S
1724	2	06 38 26.1	09 30 17	55	0.0318	0.0082	18.7	4.3	3.9	2.4	0	26.2	AH	S

(6h 38m)

I 10255

(6h 38m)



CONE NEBULA: NEARBY DARK CLOUDS & GLOBULES

FIELD CENTER: 06^h38^m24.9^s 09°32'29" (B1950)
06^h41^m09.7^s 09°29'36" (J2000)
 l : 203.32 b : 2.06

DATE: 1981/ 91 - 1981/ 91

NH: 4.5E+21

LIVETIME: 7686.6s

REF/ID:

ROLL ANGLE: 85.6°

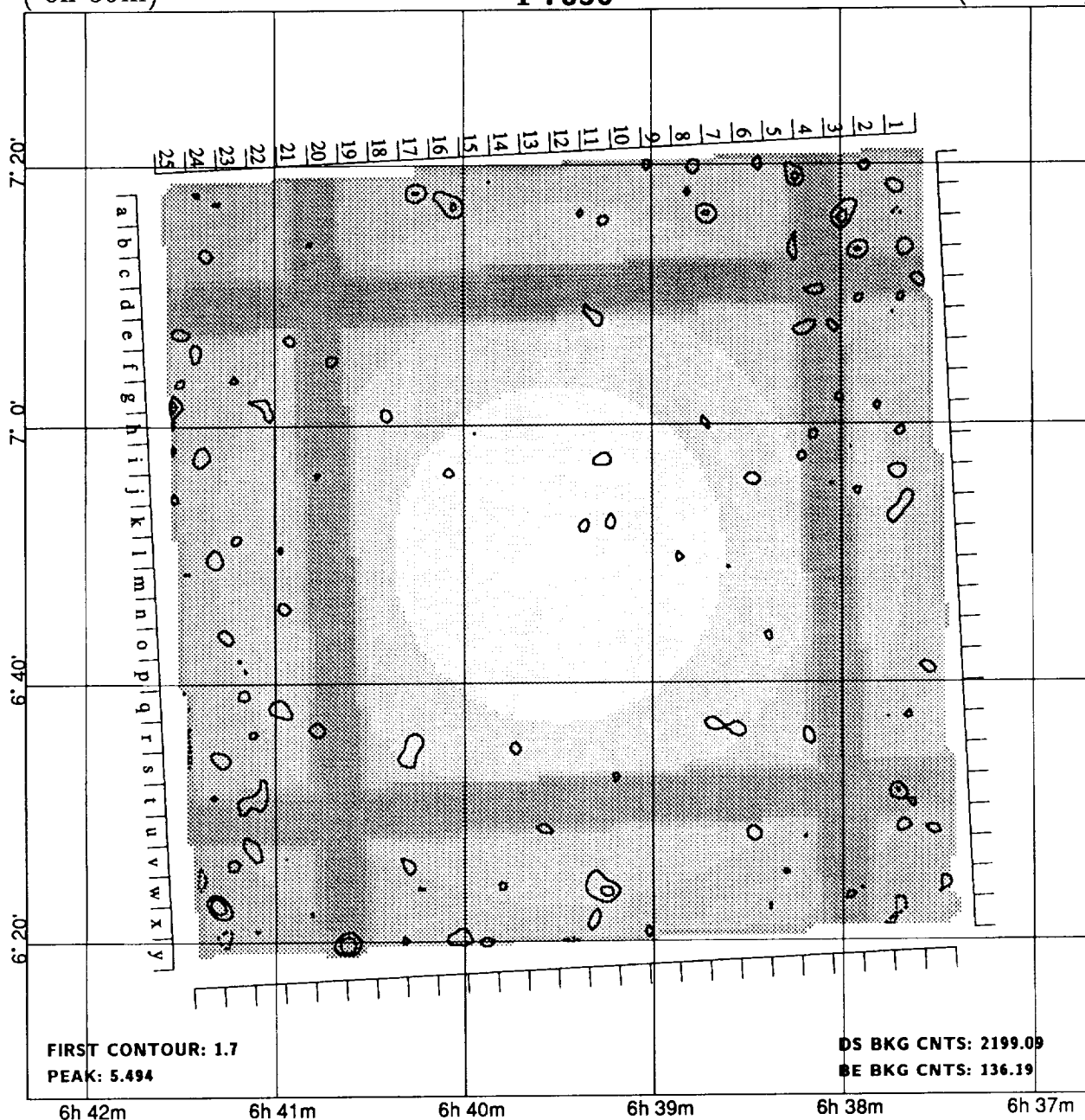
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1723	1L	06 38 13.6	09 56 48	47	*0.0813 0.0078	280.5	107.8	10.3	1.7	602	24.4	A	S
1724	2L	06 38 24.9	09 30 14	31	0.0280 0.0033	157.8	82.2	8.4	4.0	0	2.4	A	S

(6h 39m)

I 7836

(6h 39m)



SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: $06^h 39^m 30.0^s$ $06^\circ 49' 59''$ (B1950)
 $06^h 42^m 11.6^s$ $06^\circ 47' 02''$ (J2000)
 $l: 205.84$ $b: 1.04$

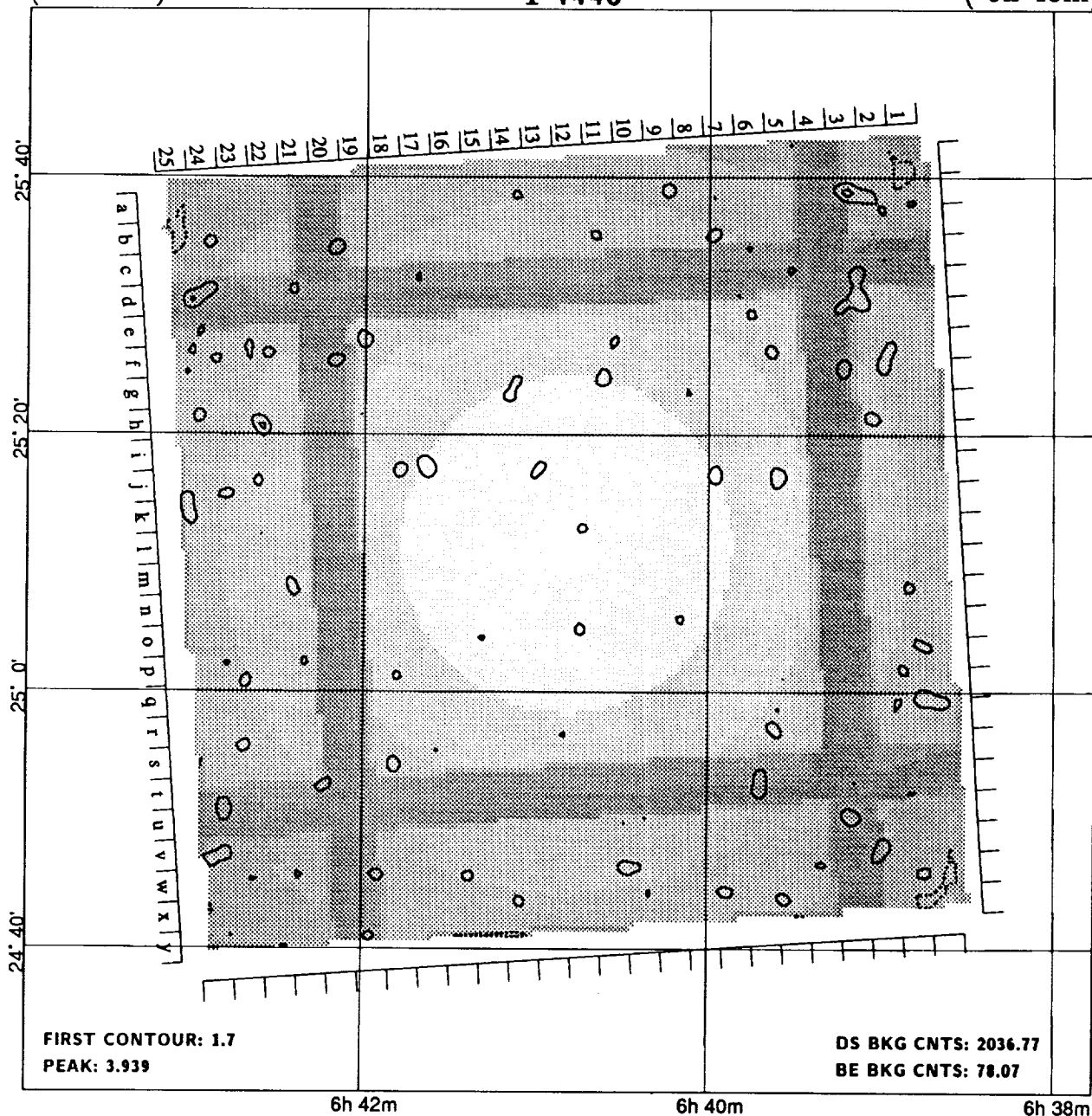
DATE: 1980/ 85 - 1980/ 85
 LIVETIME: 1782.0s
 ROLL ANGLE: 87.3°

NH: $5.7E+21$
 REF/ID: SNR
 FIELD FLAGS:

(6h 40m)

I 4446

(6h 40m)



EPSILON GEM, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

FIELD CENTER: $06^h 40^m 51.0^s$ $25^\circ 10' 56''$ (B1950)
 $06^h 43^m 55.6^s$ $25^\circ 07' 52''$ (J2000)
 $l: 189.54$ $b: 9.63$

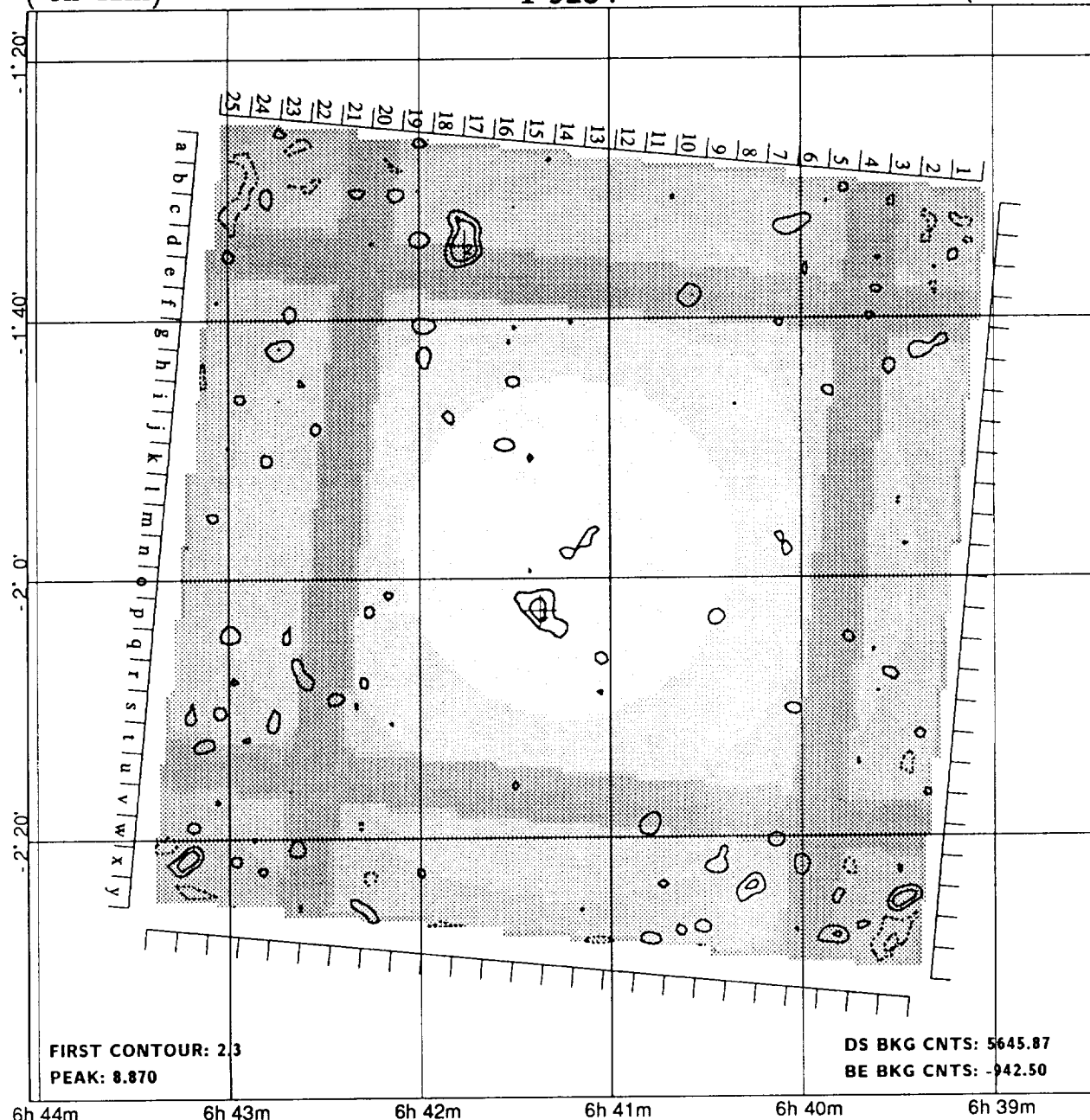
DATE: 1980/ 97 - 1980/ 97
 LIVETIME: 1709.7s
 ROLL ANGLE: 86.2°

NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

(6h 41m)

I 9254

(6h 41m)

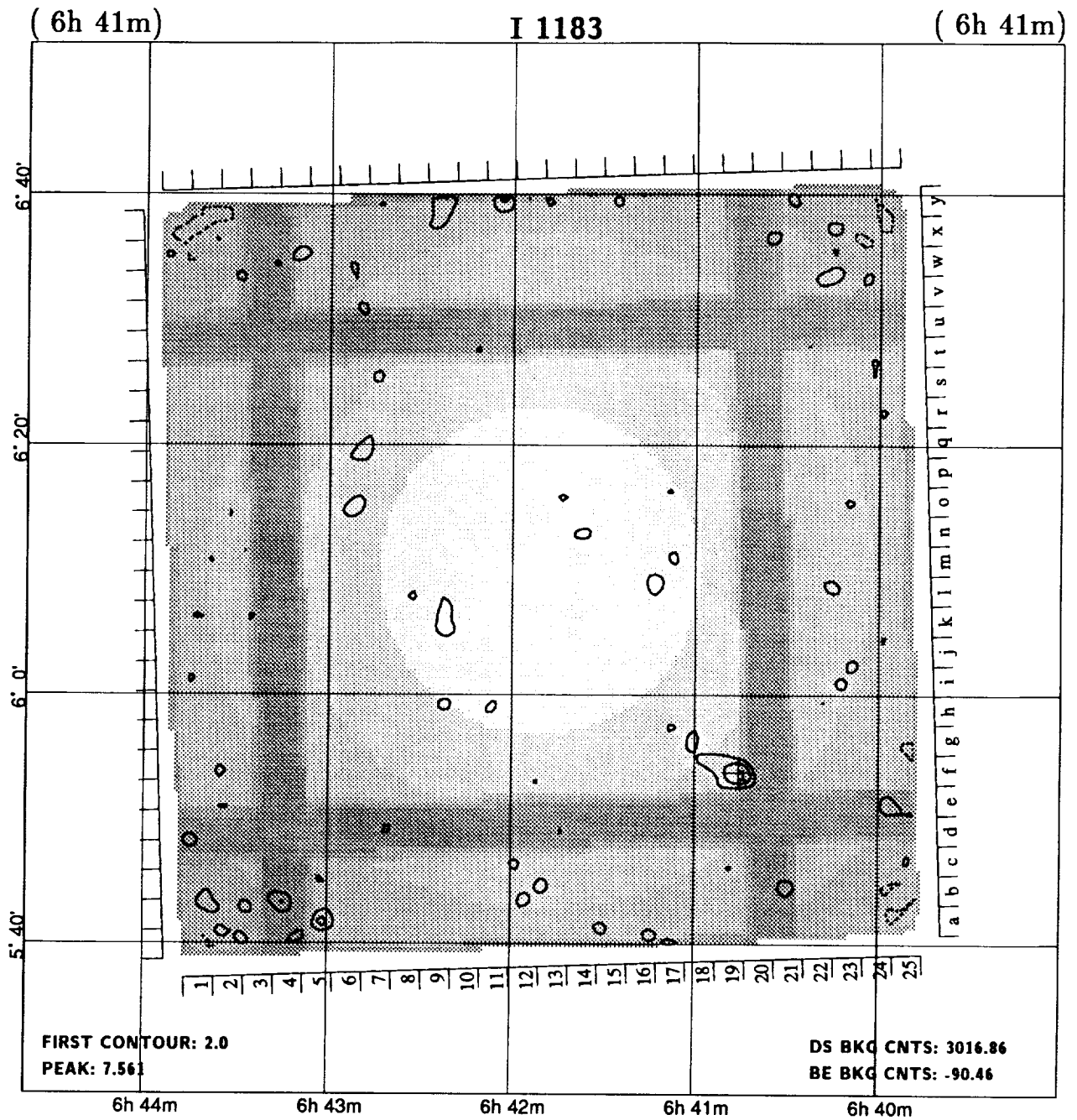


FIELD CENTER: $06^h 41^m 15.0^s$ $-01^\circ 58' 05''$ (B1950)
 $06^h 43^m 46.4^s$ $-02^\circ 01' 10''$ (J2000)
 $l: 213.86$ $b: -2.63$

DATE: 1981/ 68 - 1981/ 68
 LIVETIME: 4575.0s
 ROLL ANGLE: 95.3°

NH: $7.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1727	1	06 41 22.1	-02 02 27	37	0.0071	0.0018	23.3	11.7	3.9	1.0	0	4.8	H	
1728	2	06 41 45.8	-01 34 20	55	*0.0104	0.0026	20.9	6.1	4.0	1.1	805	25.1	H	



ROSETTE TRAPEZIUM GALACTIC PLANE SURVEY

FIELD CENTER: $06^{\text{h}}41^{\text{m}}49.5^{\text{s}}$ $06^{\circ}10'03''$ (B1950)
 $06^{\text{h}}44^{\text{m}}30.3^{\text{s}}$ $06^{\circ}06'56''$ (J2000)
 ℓ : 206.70 b : 1.25

DATE: 1979/268 - 1979/269
 LIVETIME: 2444.6s
 ROLL ANGLE: -91.9°

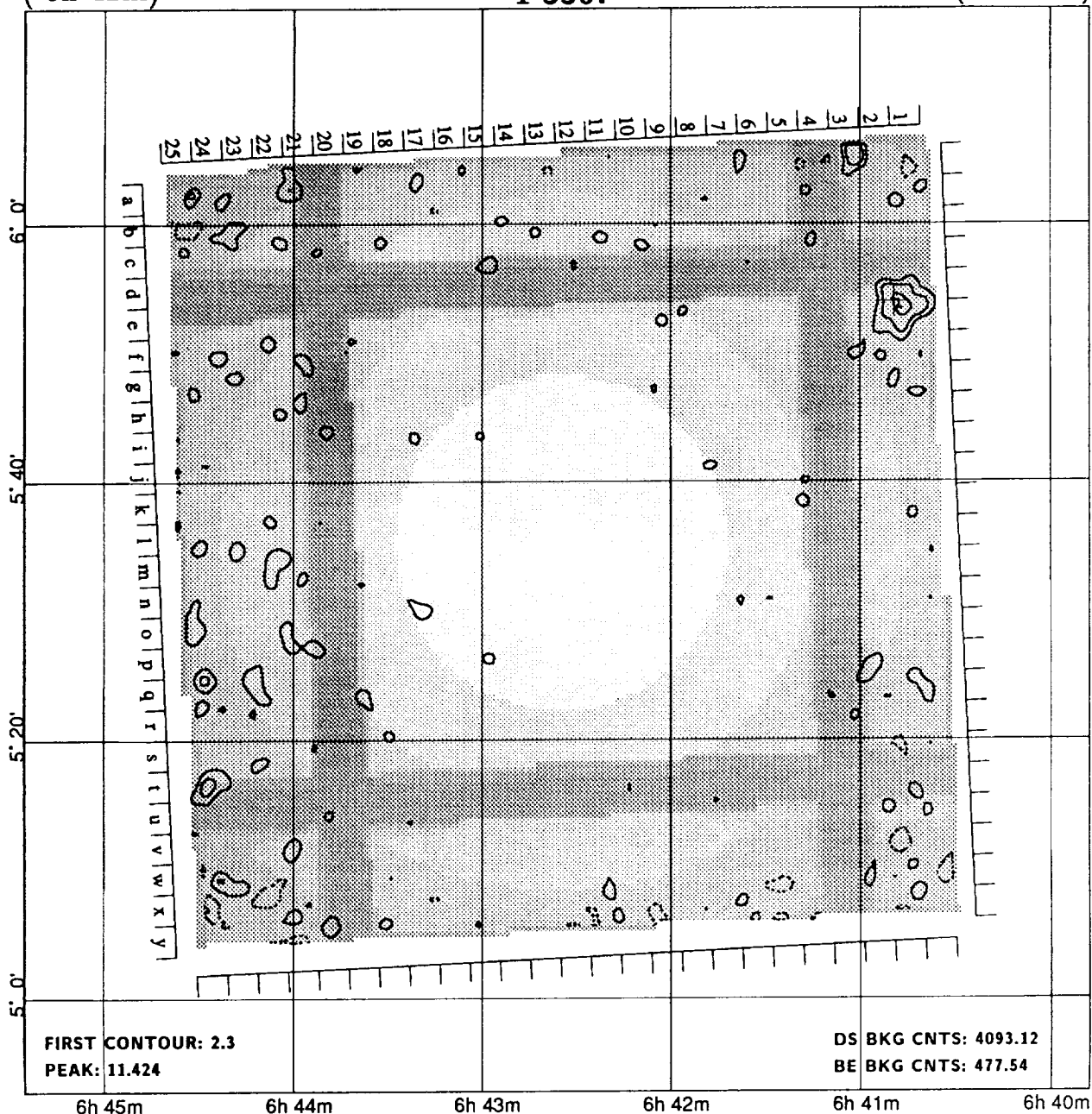
NH: $6.1\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1726	1	06 40 45.6	05 53 44	55	*0.0147	0.0041	16.8	5.2	3.6	1.0	1003	22.4	A	S

(6h 42m)

I 5307

(6h 42m)



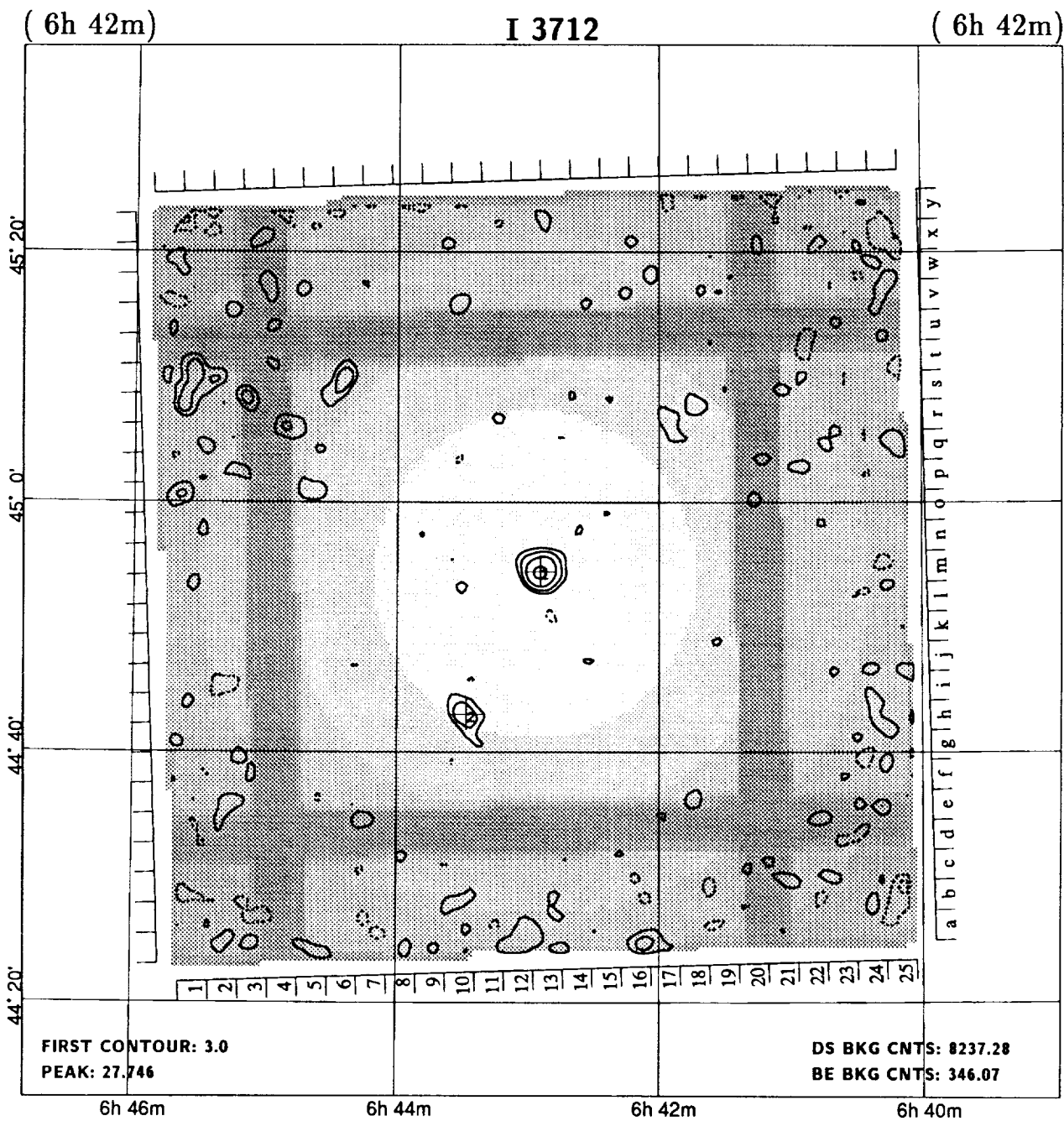
SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $06^h 42^m 36.5^s$ $05^\circ 34' 42''$ (B1950)
 $06^h 45^m 16.6^s$ $05^\circ 31' 32''$ (J2000)
 ℓ : 207.31 b : 1.15

DATE: 1980/ 85 - 1980/ 85
LIVETIME: 3316.8s
ROLL ANGLE: 87.4°

NH: 6.1E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1726	1	06 40 49.3	05 54 00	56	*0.0203	0.0050	21.1	5.9	4.1	1.5	703	33.3	AH	S



FIELD CENTER: $06^h 42^m 53.1^s$ $44^\circ 54' 30''$ (B1950)
 $06^h 46^m 32.1^s$ $44^\circ 51' 16''$ (J2000)
 $l: 171.09$ $b: 17.95$

DATE: 1979/282 - 1979/283
 LIVETIME: 6674.9s
 ROLL ANGLE: -91.8°

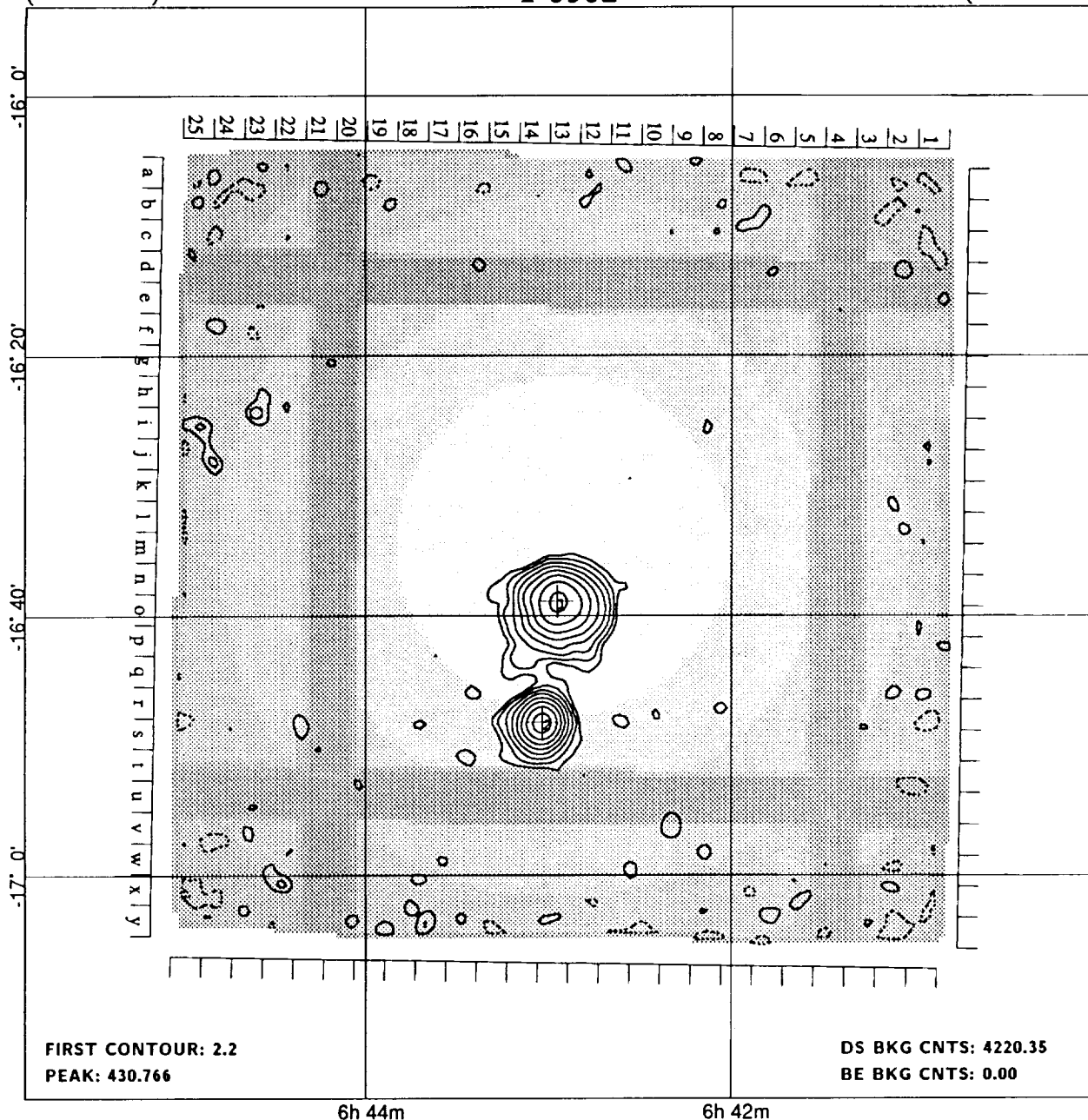
NH: $1.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1729	1	06 42 54.4	44 54 33	31	0.0241	0.0024	120.0	21.0	10.1	1.0	0	0.4	H	Q
1732	2	06 43 28.2	44 43 04	41	0.0087	0.0018	36.9	19.1	4.9	0.9	0	13.1	H	

(6h 42m)

I 6962

(6h 42m)



ALPHA CMAB, STELLAR X-RAY VARIABILITY STUDIES

FIELD CENTER: $06^{\text{h}}42^{\text{m}}55.9^{\text{s}}$ $-16^{\circ}35'18''$ (B1950) $06^{\text{h}}45^{\text{m}}10.0^{\text{s}}$ $-16^{\circ}38'30''$ (J2000) $l: 227.16$ $b: -0.85$

DATE: 1980/ 83 - 1980/ 83

LIVETIME: 3419.9s

ROLL ANGLE: 90.9° NH: $3.1\text{E}+21$

REF/ID:

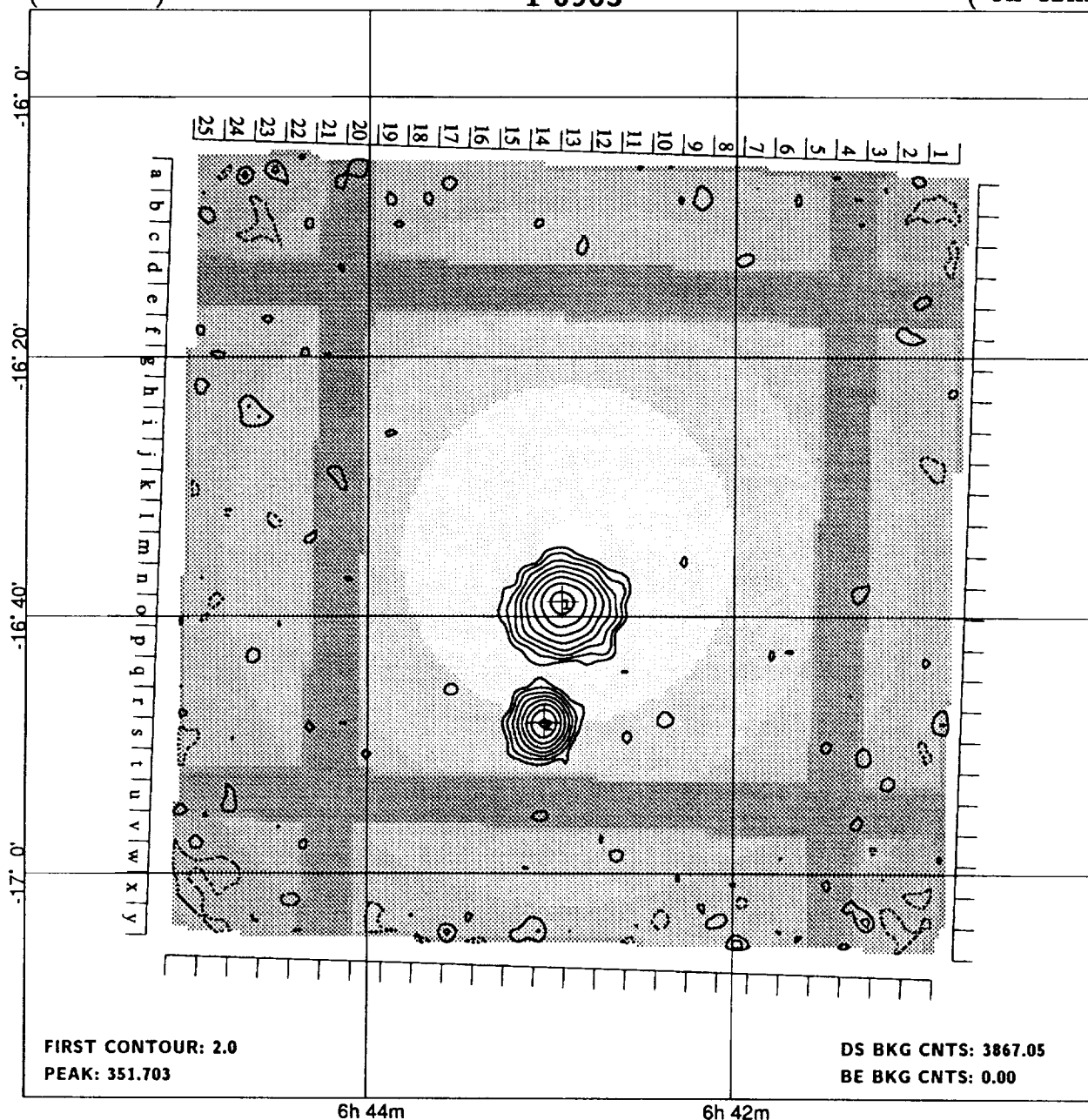
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 57.0	-16 38 54	31	0.425	0.019	1047.5	525.5	22.0	2.9	0	3.7	A	S
1731	2L	06 43 02.0	-16 48 14	37	0.580	0.019	1217.8	48.2	30.6	3.1	0	13.0	A	CV

(6h 42m)

I 6963

(6h 42m)



ALPHA CMAB, STELLAR X-RAY VARIABILITY STUDIES

FIELD CENTER: $06^h 42^m 55.9^s$ $-16^\circ 35' 18''$ (B1950)
 $06^h 45^m 10.0^s$ $-16^\circ 38' 30''$ (J2000)
 ℓ : 227.16 b : -8.85

DATE: 1980/ 82 - 1980/ 82
 LIVETIME: 3133.6s
 ROLL ANGLE: 91.7°

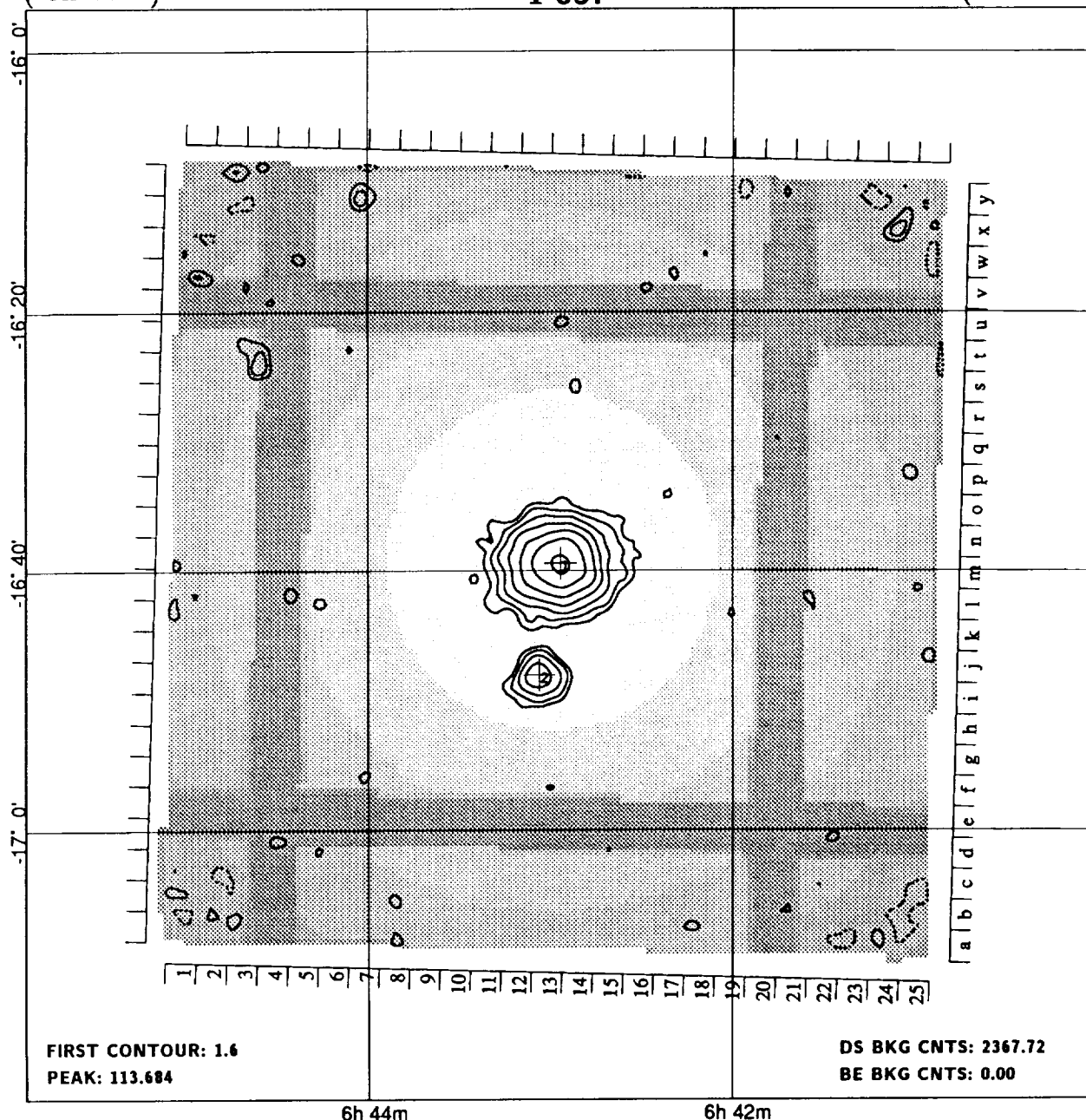
NH: $3.1E+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 56.4	-16 38 52	31	0.524	0.021	1190.6	470.4	24.7	1.8	0	3.7	A	S
1731	2L	06 43 02.1	-16 48 17	37	0.442	0.017	860.4	23.6	25.9	1.1	0	13.1	A	CV

(6h 42m)

I 837

(6h 42m)



ALPHA CMA (SIRIUS) STELLAR OBSERVATIONS, A STARS

FIELD CENTER: $06^h 42^m 56.7^s$ $-16^\circ 38' 45''$ (B1950)
 $06^h 45^m 10.8^s$ $-16^\circ 41' 57''$ (J2000)
 $l: 227.22$ $b: -8.88$

DATE: 1979/268 - 1979/269
 LIVETIME: 1918.6s
 ROLL ANGLE: -88.5°

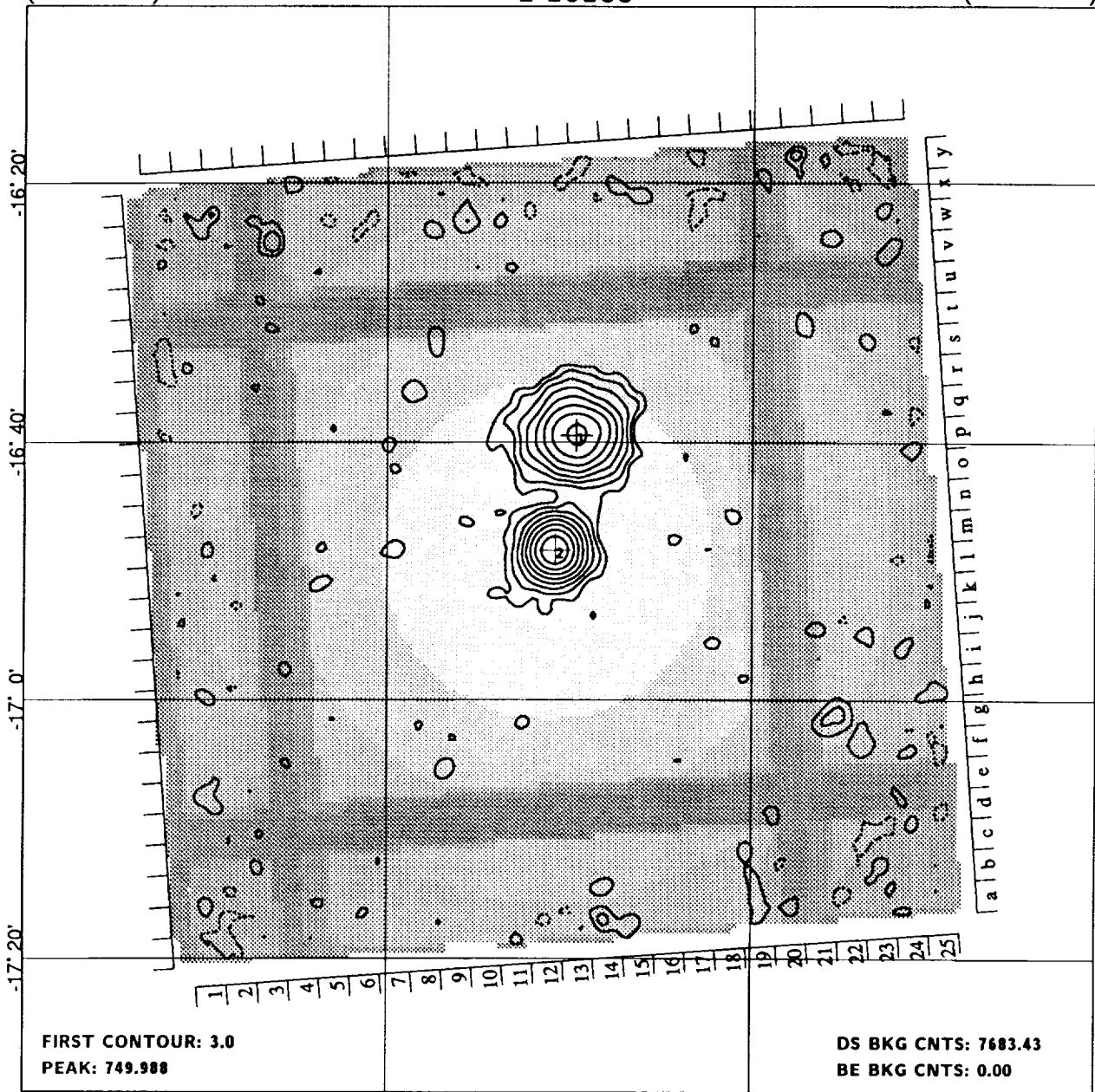
NH: $3.1E+21$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 56.7	-16 39 26	31	0.229	0.021	327.4	272.6	10.8	2.7	0	1.1	A S	
1731	2L	06 43 03.6	-16 48 00	38	0.0501	0.0082	65.2	18.8	6.0	1.3	0	9.4	A CV	

(6h 43m)

I 10183

(6h 43m)



6h 44m

6h 42m

NEW AM HER-LIKE(?) SOURCE NEAR SIRIUS

FIELD CENTER: $06^{\text{h}}43^{\text{m}}03.0^{\text{s}}$ $-16^{\circ}48'24''$ (B1950)
 $06^{\text{h}}45^{\text{m}}16.9^{\text{s}}$ $-16^{\circ}51'36''$ (J2000)
 $l: 227.38$ $b: -8.92$

DATE: 1980/278 - 1980/278

NH: 3.1E+21

LIVETIME: 6226.1s

REF/ID:

ROLL ANGLE: -94.2°

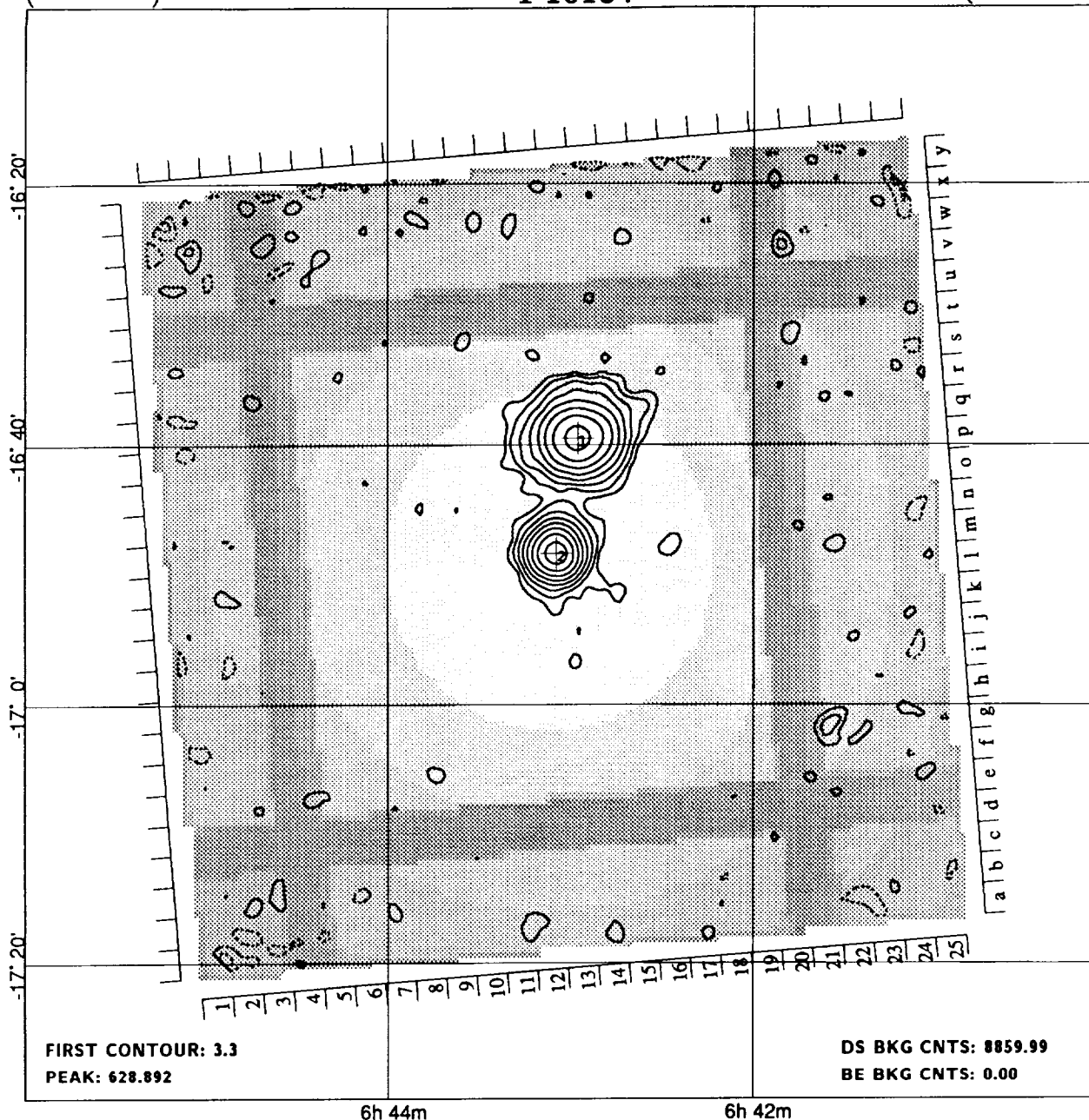
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 57.9	-16 39 28	37	0.311	0.013	1309.3	845.7	23.3	3.8	0	9.1	A	S
1731	2L	06 43 04.8	-16 48 19	31	0.621	0.014	2885.8	278.2	45.4	2.9	0	0.5	A	CV

(6h 43m)

I 10184

(6h 43m)



6h 44m

6h 42m

NEW AM HER-LIKE SOURCE NEAR SIRIUS

FIELD CENTER: $06^{\text{h}}43^{\text{m}}03.0^{\text{s}}$ $-16^{\circ}48'24''$ (B1950)
 $06^{\text{h}}45^{\text{m}}16.9^{\text{s}}$ $-16^{\circ}51'36''$ (J2000)
 ℓ : 227.38 b : -8.92

DATE: 1980/278 - 1980/278
 LIVETIME: 7179.5s
 ROLL ANGLE: -94.5°

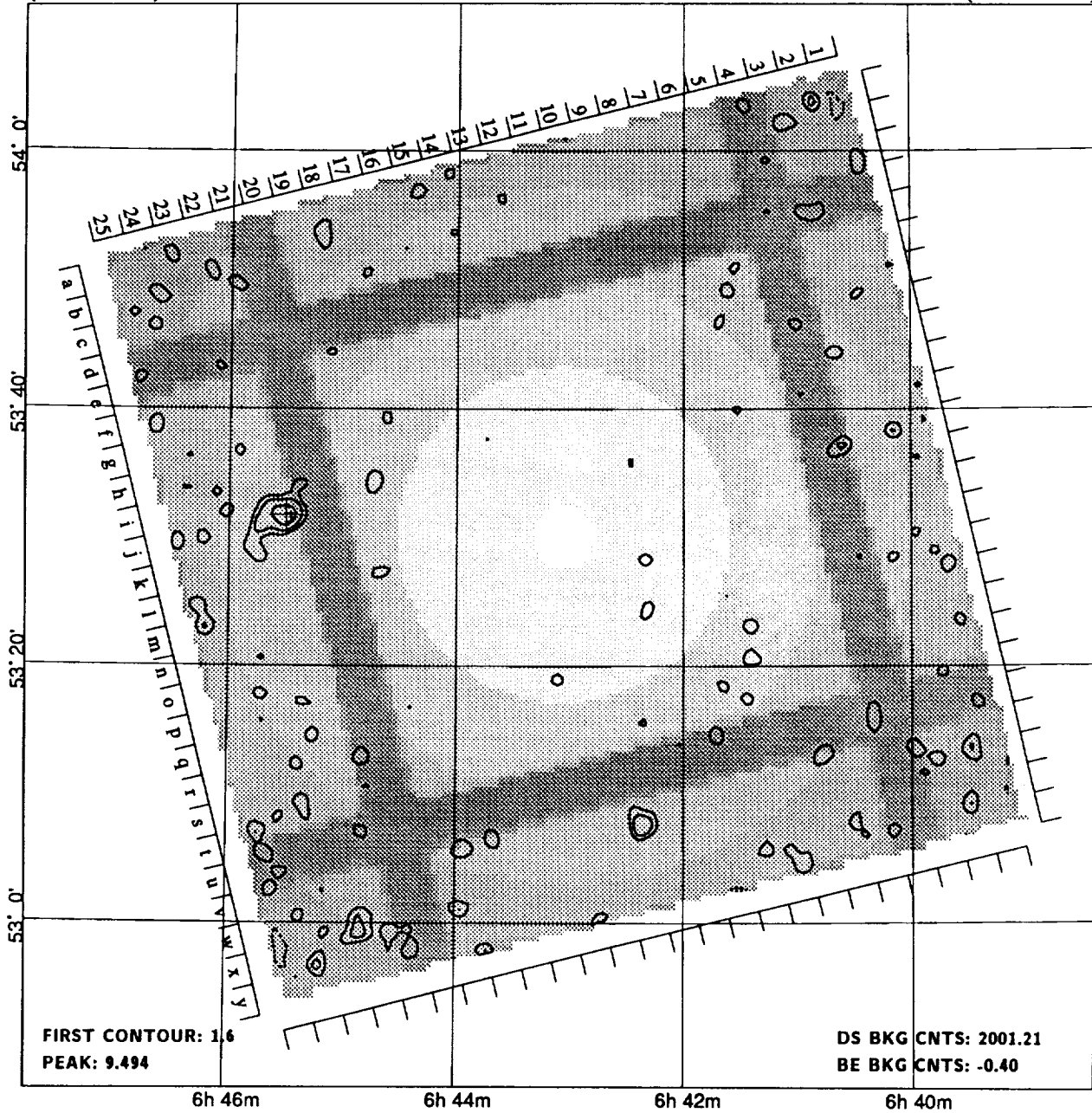
NH: $3.1\text{E}+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1730	1L	06 42 57.5	-16 39 29	37	0.325	0.013	1565.3	957.7	25.8	3.3	0	8.9	A	S
1731	2L	06 43 04.6	-16 48 22	31	0.467	0.011	2503.1	258.9	42.1	3.4	0	0.4	A	CV

(6h 43m)

I 7128

(6h 43m)



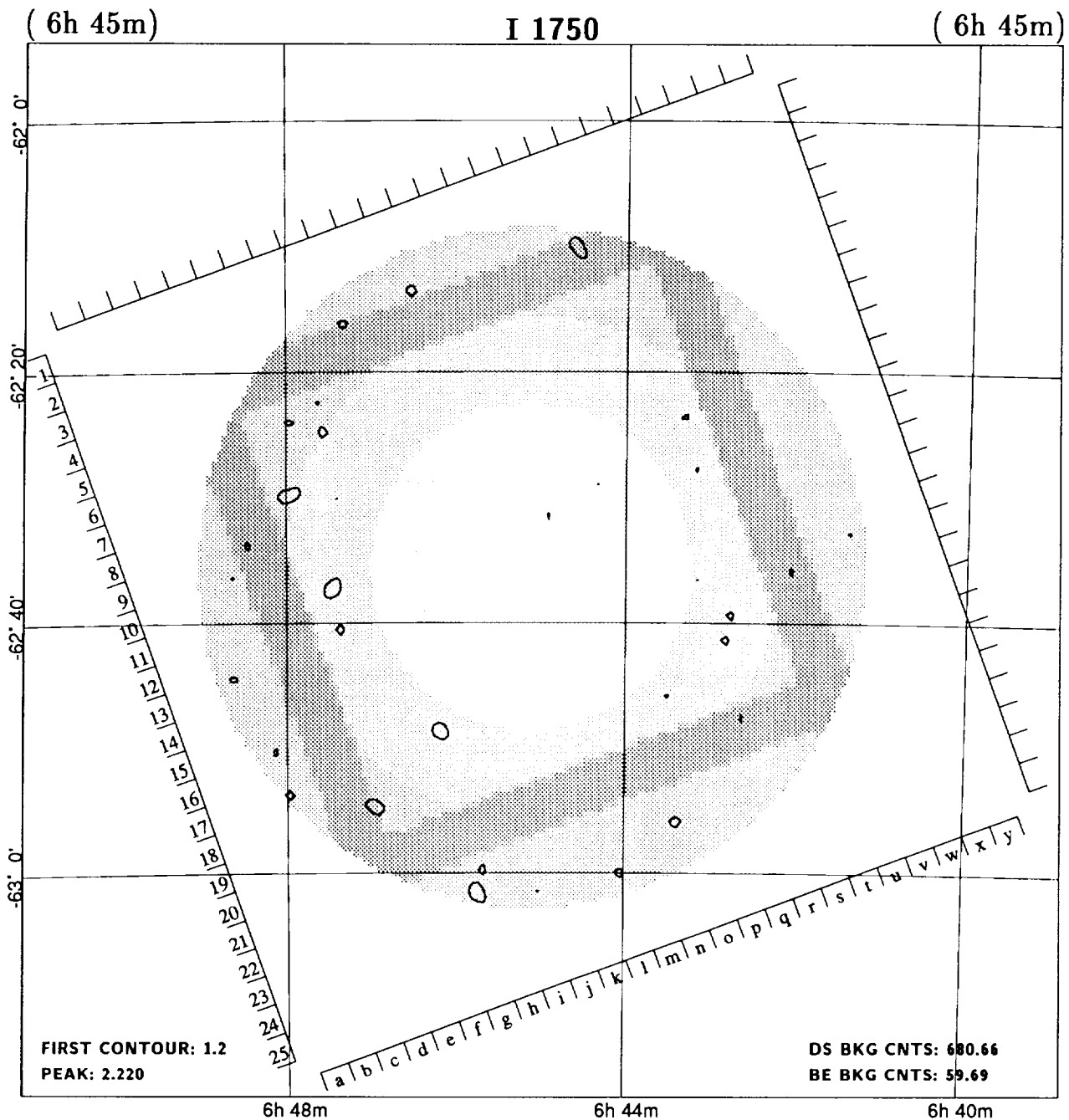
H0643+534, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: $06^{\text{h}}43^{\text{m}}04.8^{\text{s}}$ $53^{\circ}29'23''$ (B1950)
 $06^{\text{h}}47^{\text{m}}06.9^{\text{s}}$ $53^{\circ}26'07''$ (J2000)
 $l: 162.53$ $b: 20.87$

DATE: 1980/ 70 - 1980/ 70
 LIVETIME: 1679.9s
 ROLL ANGLE: 76.1°

NH: $7.5\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1733	1	06 45 30.1	53 31 47	51	*0.0320	0.0067	25.8	3.2	4.8	1.3	603	21.9	H	



RR PIC, OPTICAL NOVA

FIELD CENTER: $06^h 45^m 00.0^s$ $-62^\circ 35' 59''$ (B1950)
 $06^h 45^m 27.1^s$ $-62^\circ 39' 15''$ (J2000)
 l : 272.61 b : -24.56

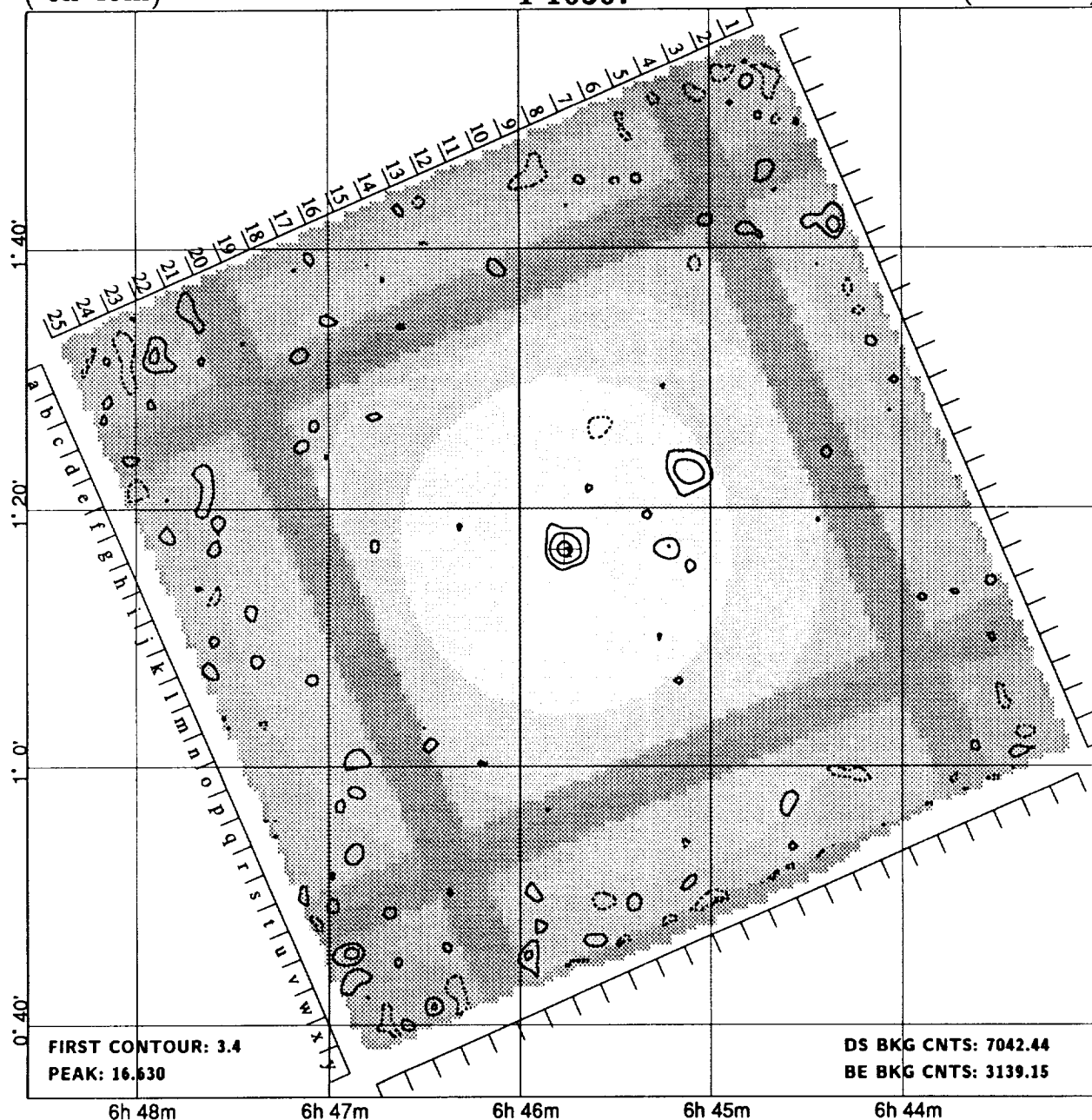
DATE: 1979/204 - 1979/204
 LIVETIME: 551.6s
 ROLL ANGLE: -20.0°

NH: $5.5E+20$
 REF/ID:
 FIELD FLAGS:

(6h 45m)

I 10307

(6h 45m)



PZ Mon, SOLAR NEIGHBORHOOD FLARE STARS

FIELD CENTER: $06^h 45^m 46.0^s$ $01^\circ 16' 29''$ (B1950)
 $06^h 48^m 21.1^s$ $01^\circ 13' 05''$ (J2000)
 l : 211.50 b : -0.13

DATE: 1981/ 93 - 1981/ 93

NH: 1.8E+21

LIVETIME: 5706.7s

REF/ID:

ROLL ANGLE: 66.5°

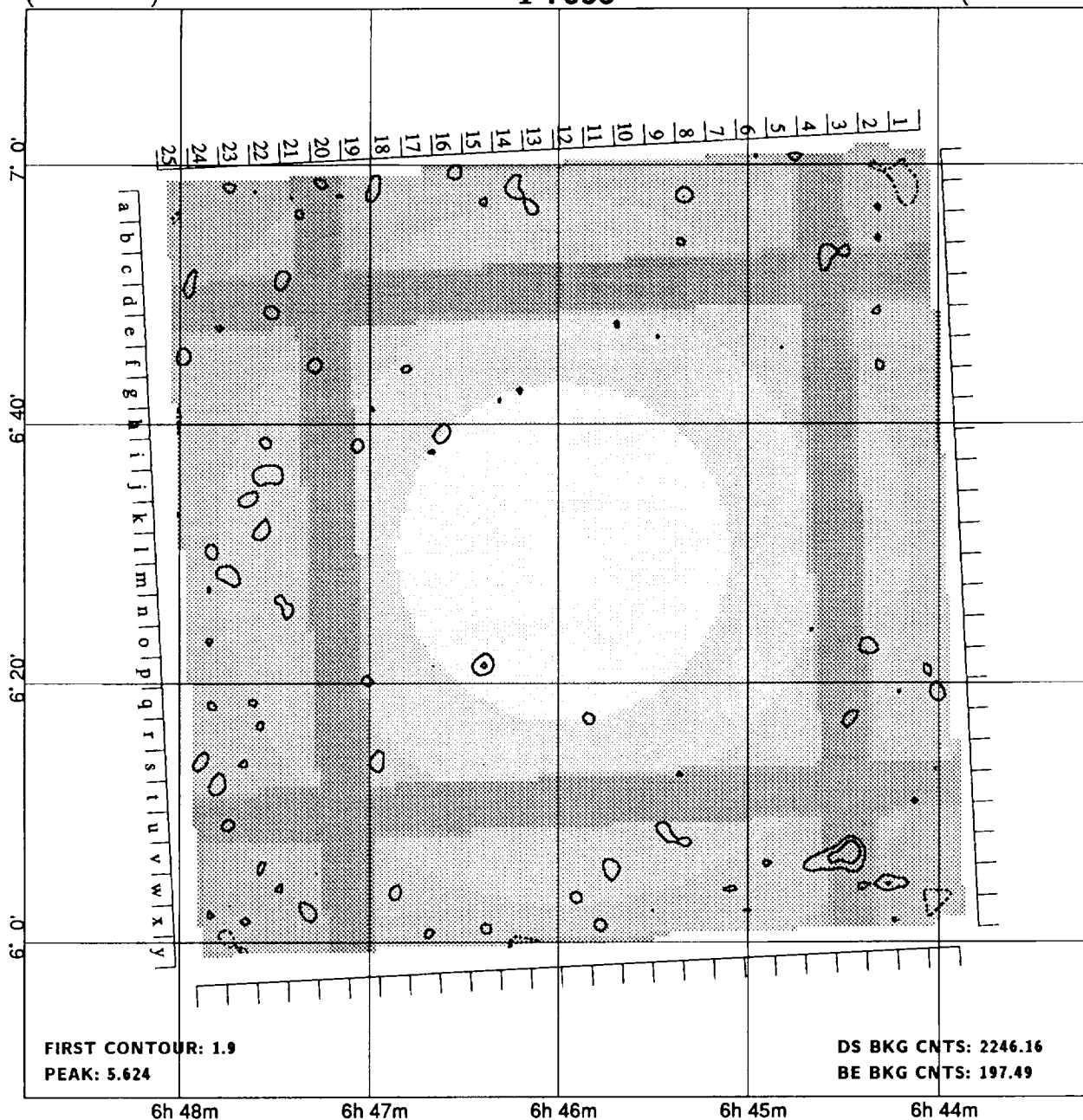
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1734	1L	06 45 46.0	01 16 51	34	0.0141	0.0027	60.1	34.9	5.0	1.0	0	0.4		S

(6h 46m)

I 7835

(6h 46m)



6, SHELL-LIKE STRUCTURES ASSOC W/MON OB1 & OB2

FIELD CENTER: $06^{\text{h}}46^{\text{m}}00.0^{\text{s}}$ $06^{\circ}29'59''$ (B1950)
 $06^{\text{h}}48^{\text{m}}41.1^{\text{s}}$ $06^{\circ}26'34''$ (J2000)
 l : 206.88 b : 2.32

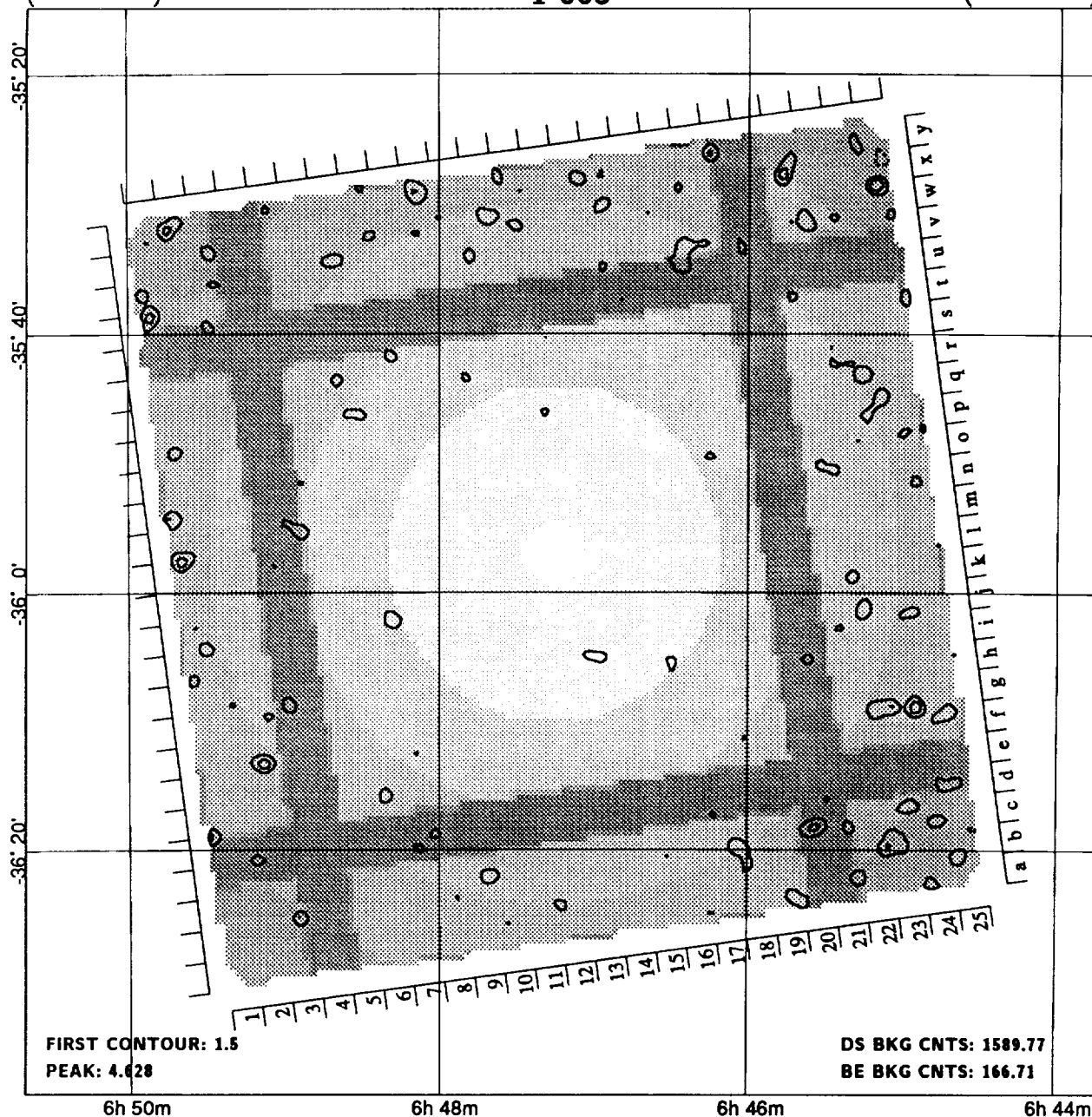
DATE: 1980/ 85 - 1980/ 85
 LIVETIME: 1820.1s
 ROLL ANGLE: 87.2°

NH: $5.0\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS:

(6h 47m)

I 663

(6h 47m)



FIELD CENTER: $06^h 47^m 12.0^s$ $-35^\circ 56' 59''$ (B1950)
 $06^h 48^m 58.3^s$ $-36^\circ 00' 28''$ (J2000)
 $l: 245.63$ $b: -16.01$

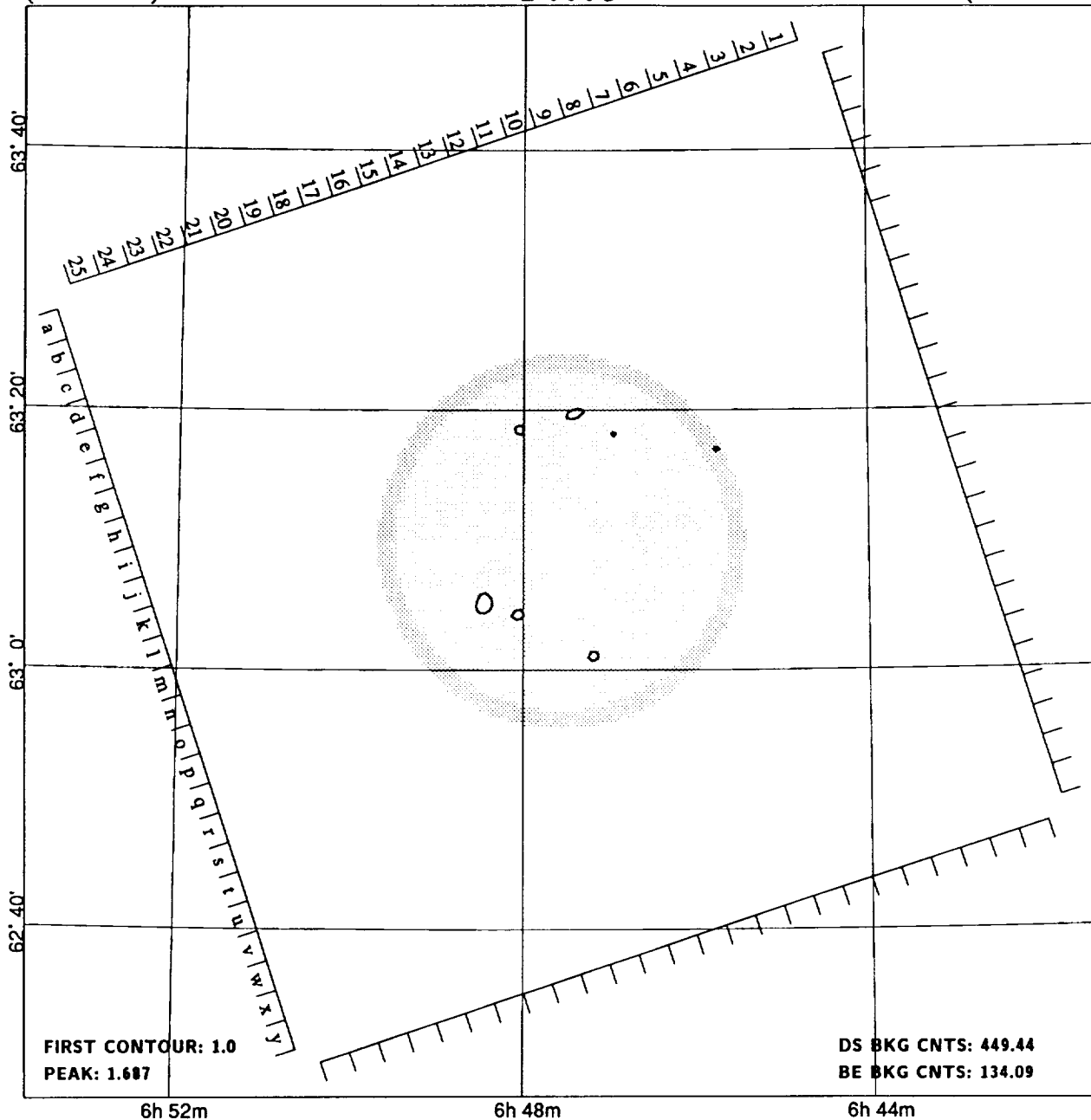
DATE: 1979/283 - 1979/284
 LIVETIME: 1288.2s
 ROLL ANGLE: -97.8°

NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

(6h 47m)

I 7775

(6h 47m)



VV 551, KNOTS IN IRREGULAR GALAXIES

FIELD CENTER: $06^h 47^m 34.9^s$ $63^\circ 09' 10''$ (B1950)
 $06^h 52^m 17.3^s$ $63^\circ 05' 34''$ (J2000)
 $l: 152.65$ $b: 24.09$

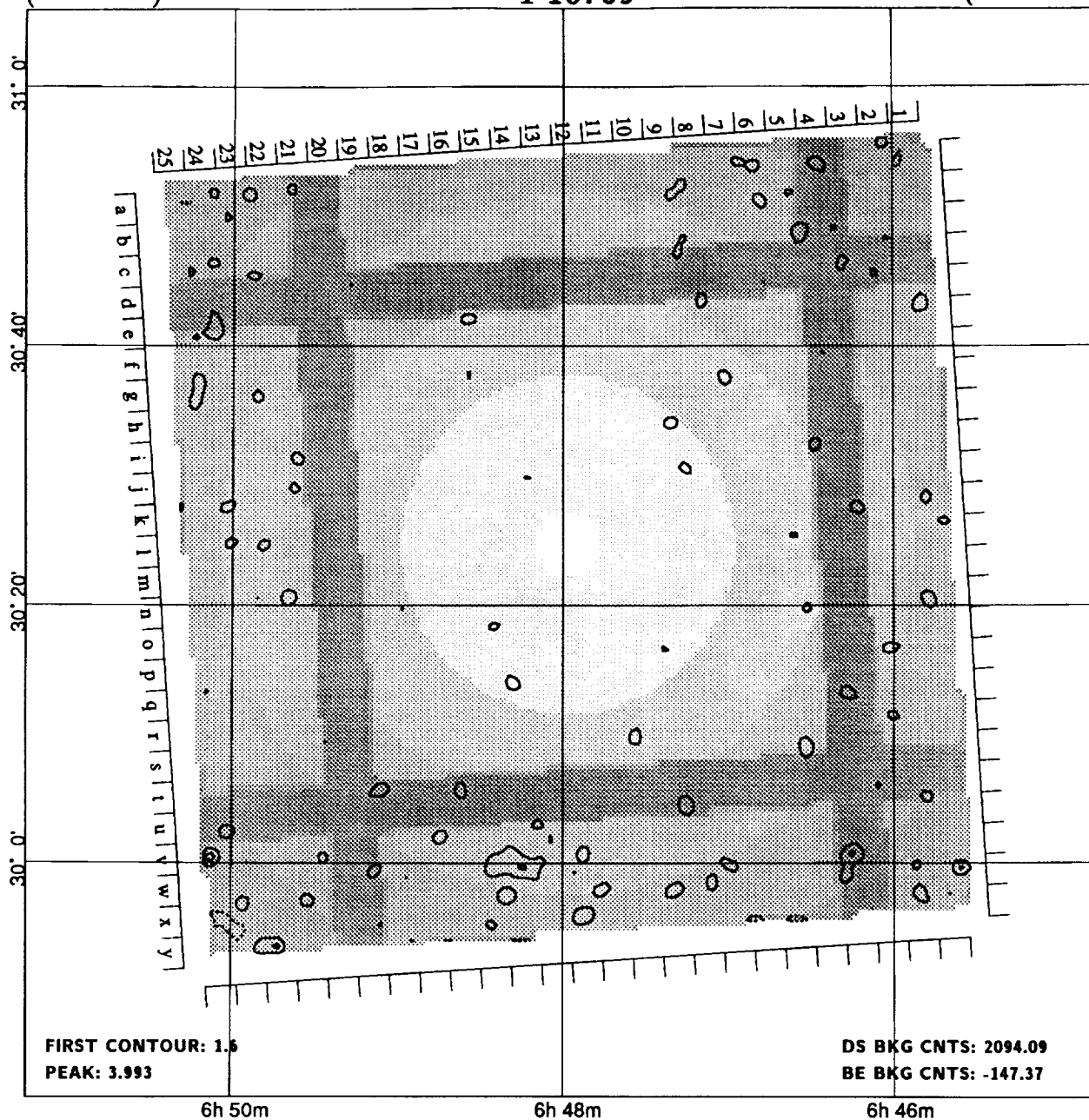
DATE: 1980/ 69 - 1980/ 69
LIVETIME: 364.2s
ROLL ANGLE: 71.9°

NH: $5.9E+20$
REF/ID:
FIELD FLAGS:

(6h 48m)

I 10769

(6h 48m)



EMPTY FIELD (MISPOINT)

FIELD CENTER: $06^h 48^m 00.0^s$ $30^\circ 23' 59''$ (B1950)
 $06^h 51^m 12.0^s$ $30^\circ 20' 24''$ (J2000)
 $l: 185.40$ $b: 13.27$

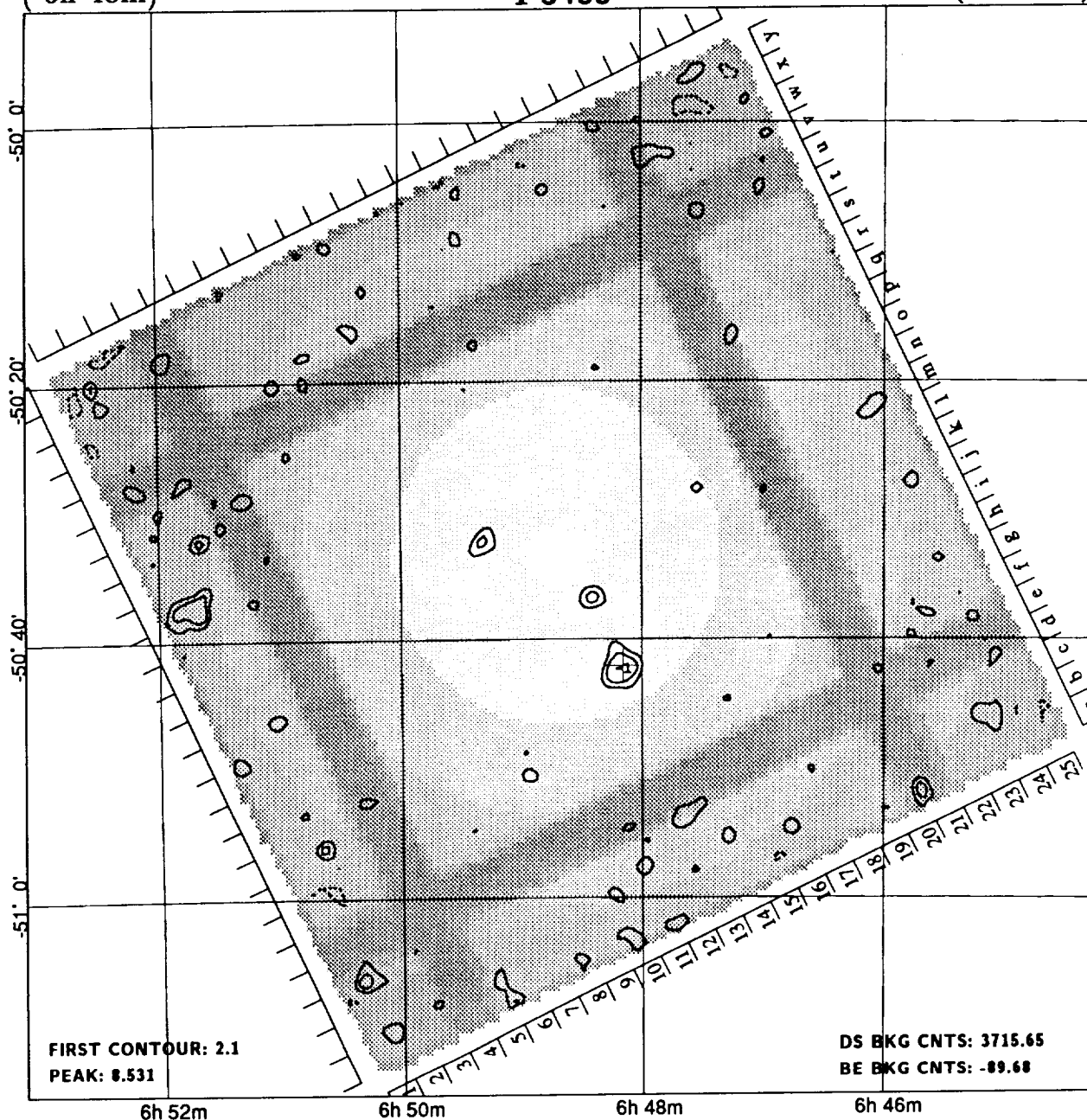
DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 1696.9s
 ROLL ANGLE: 86.3°

NH: $4.8E+20$
 REF/ID:
 FIELD FLAGS:

(6h 48m)

I 5488

(6h 48m)



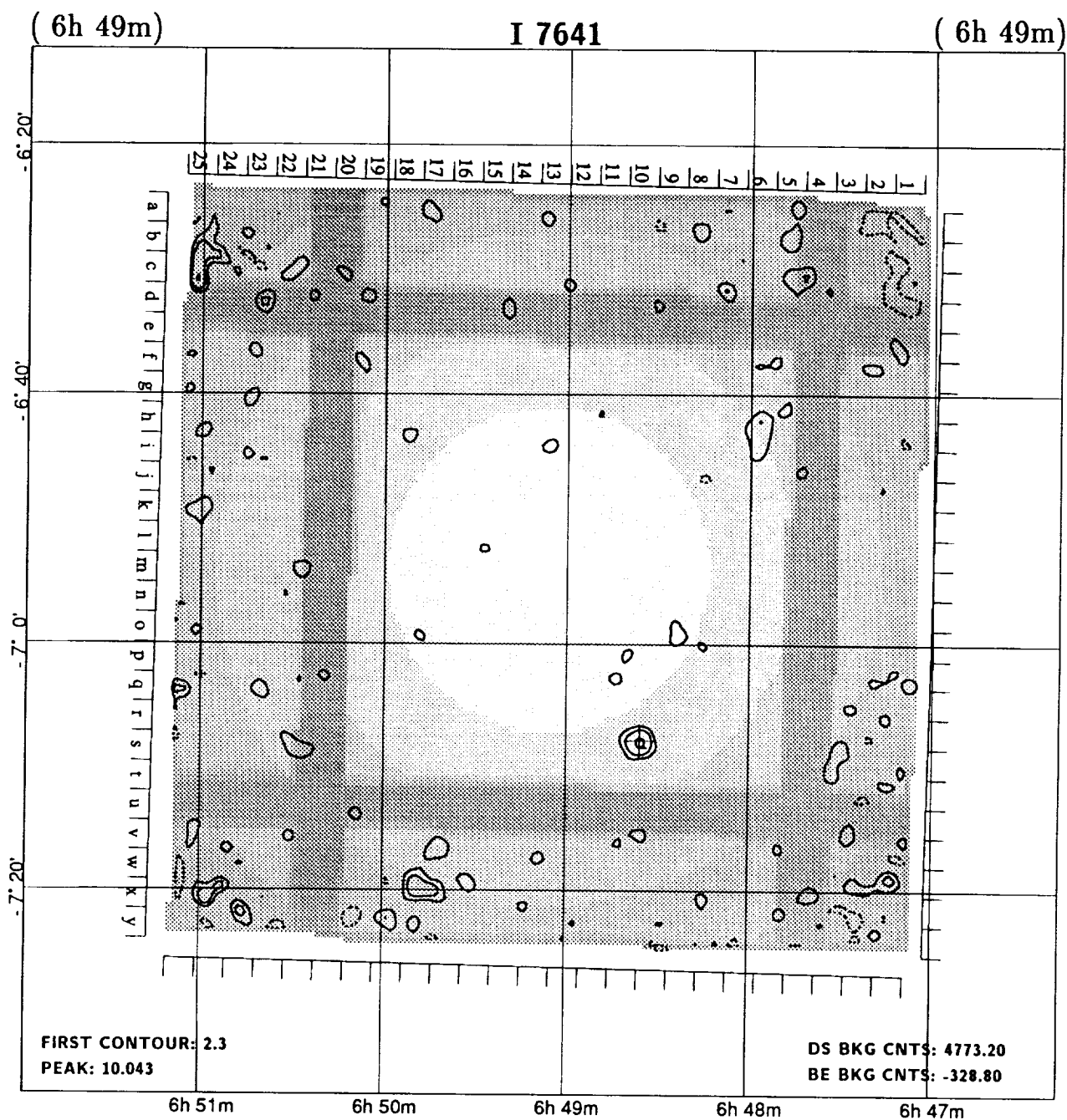
Tau PUP

FIELD CENTER: 06^h48^m41.7^s -50°33'15" (B1950)
06^h49^m56.0^s -50°36'49" (J2000)
 l : 260.16 b : -20.86

DATE: 1979/303 - 1979/303
LIVETIME: 3010.9s
ROLL ANGLE: -115.6°

NH: 4.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1735	1	06 48 09.4	-50 42 04	42	0.0166	0.0032	33.4	8.6	5.2	0.9	0	10.2	H	*



FIELD CENTER: $06^{\text{h}}49^{\text{m}}07.6^{\text{s}}$ $-06^{\circ}54'21''$ (B1950)
 $06^{\text{h}}51^{\text{m}}33.4^{\text{s}}$ $-06^{\circ}58'00''$ (J2000)
 $l: 219.15$ $b: -3.14$

DATE: 1980/ 80 - 1980/ 81
 LIVETIME: 4006.8s
 ROLL ANGLE: 91.2°

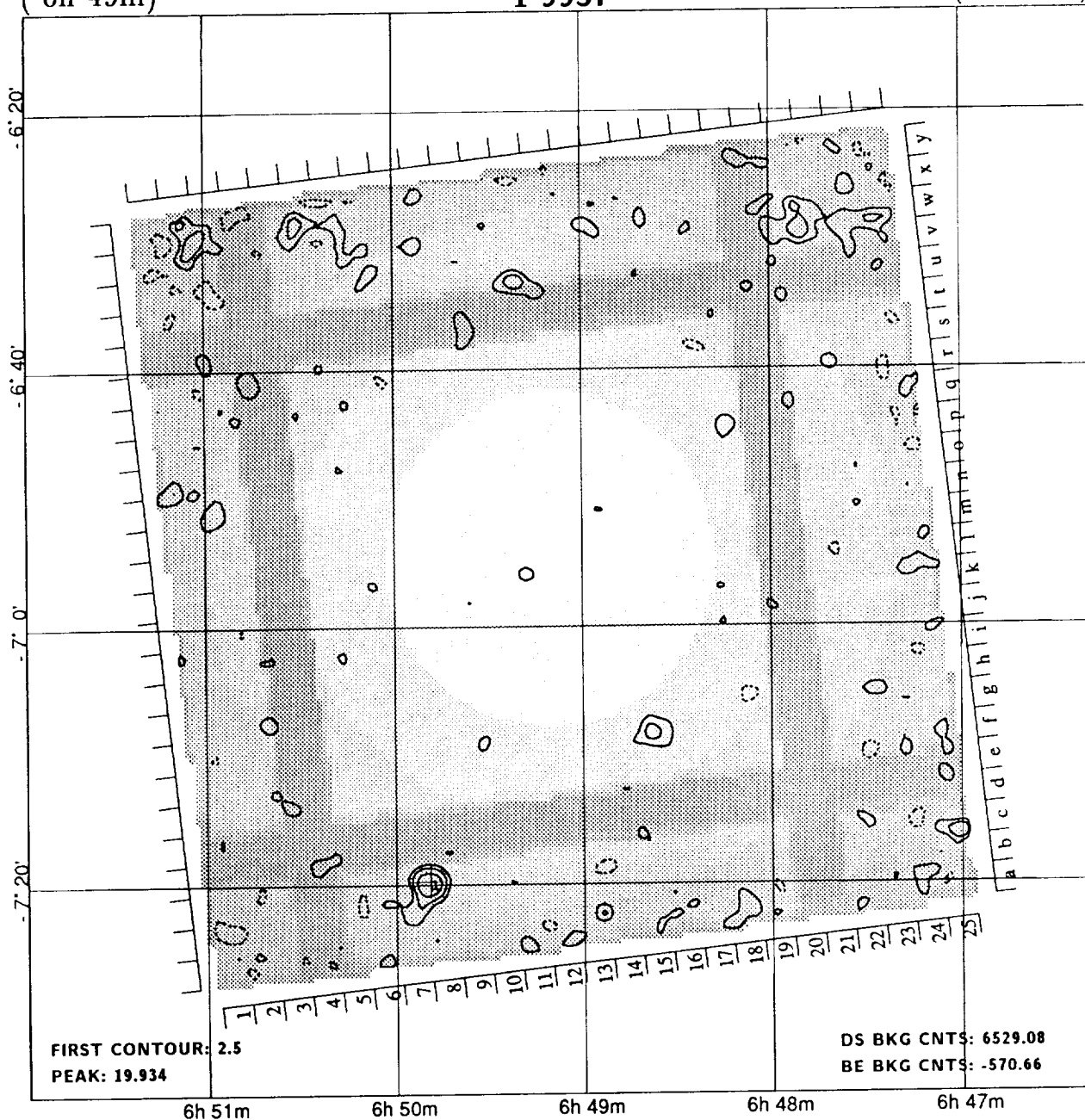
NH: $5.5\text{E}+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1736	1	06 48 35.8	-07 07 49	51	0.0129	0.0027	30.1	9.9	4.8	0.8	0	15.5	A

(6h 49m)

I 9937

(6h 49m)

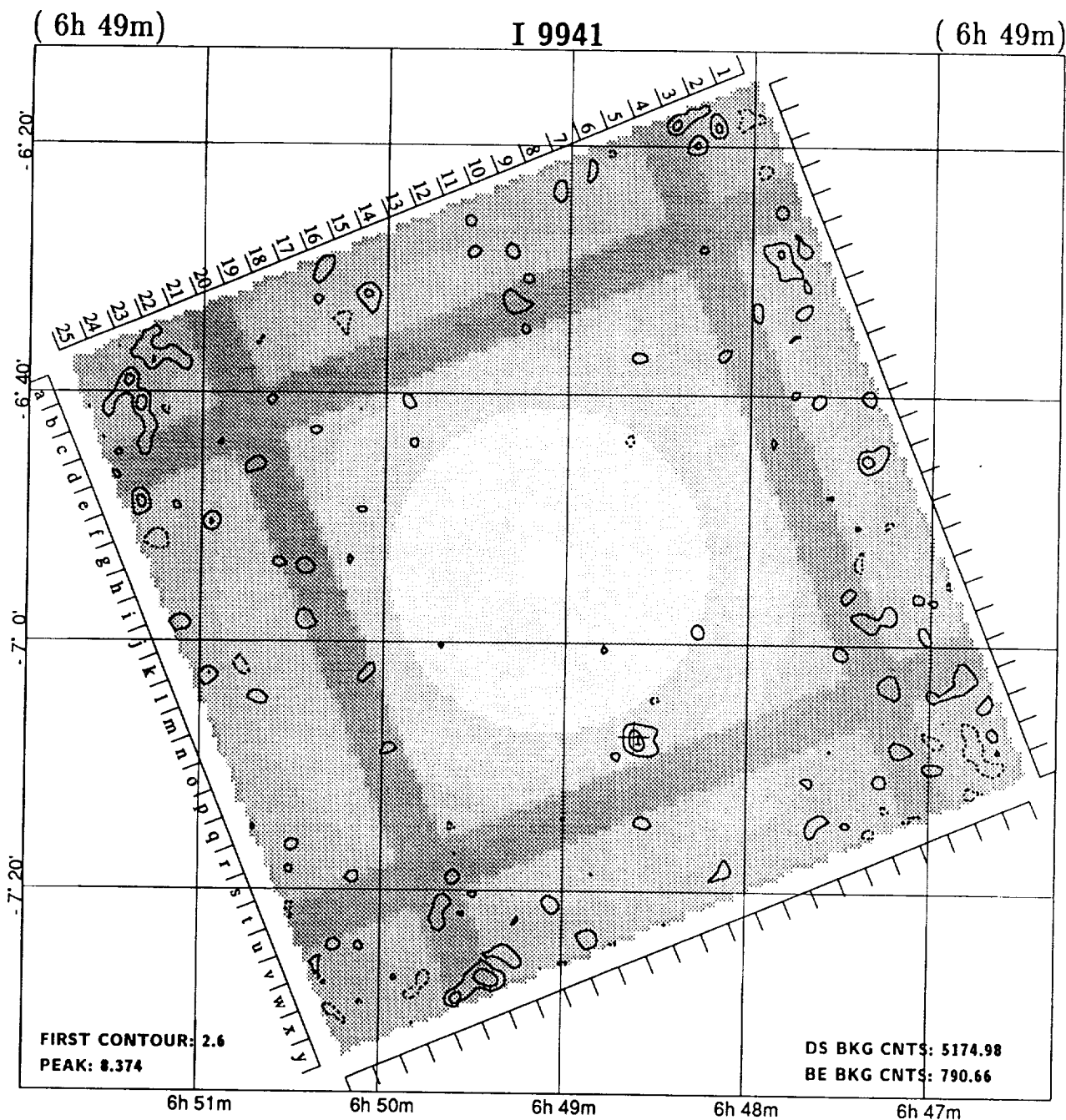


FIELD CENTER: $06^h 49^m 07.6^s$ $-06^\circ 54' 21''$ (B1950)
 $06^h 51^m 33.4^s$ $-06^\circ 58' 00''$ (J2000)
 $l: 219.15$ $b: -3.14$

DATE: 1980/282 - 1980/282
 LIVETIME: 5290.7s
 ROLL ANGLE: -96.4°

NH: $5.5E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1737	1	06 49 49.1	-07 19 44	50	0.0183	0.0033	38.9	9.1	5.6	1.0	500	27.2	H	



SUBSTITUTE TARGET HD 50138, VARIABILITY OF BE & B STARS

FIELD CENTER: $06^h 49^m 07.6^s$ $-06^\circ 54' 21''$ (B1950)
 $06^h 51^m 33.4^s$ $-06^\circ 58' 00''$ (J2000)
 $l: 219.15$ $b: -3.14$

DATE: 1981/ 96 - 1981/ 96
 LIVETIME: 4193.4s
 ROLL ANGLE: 67.6°

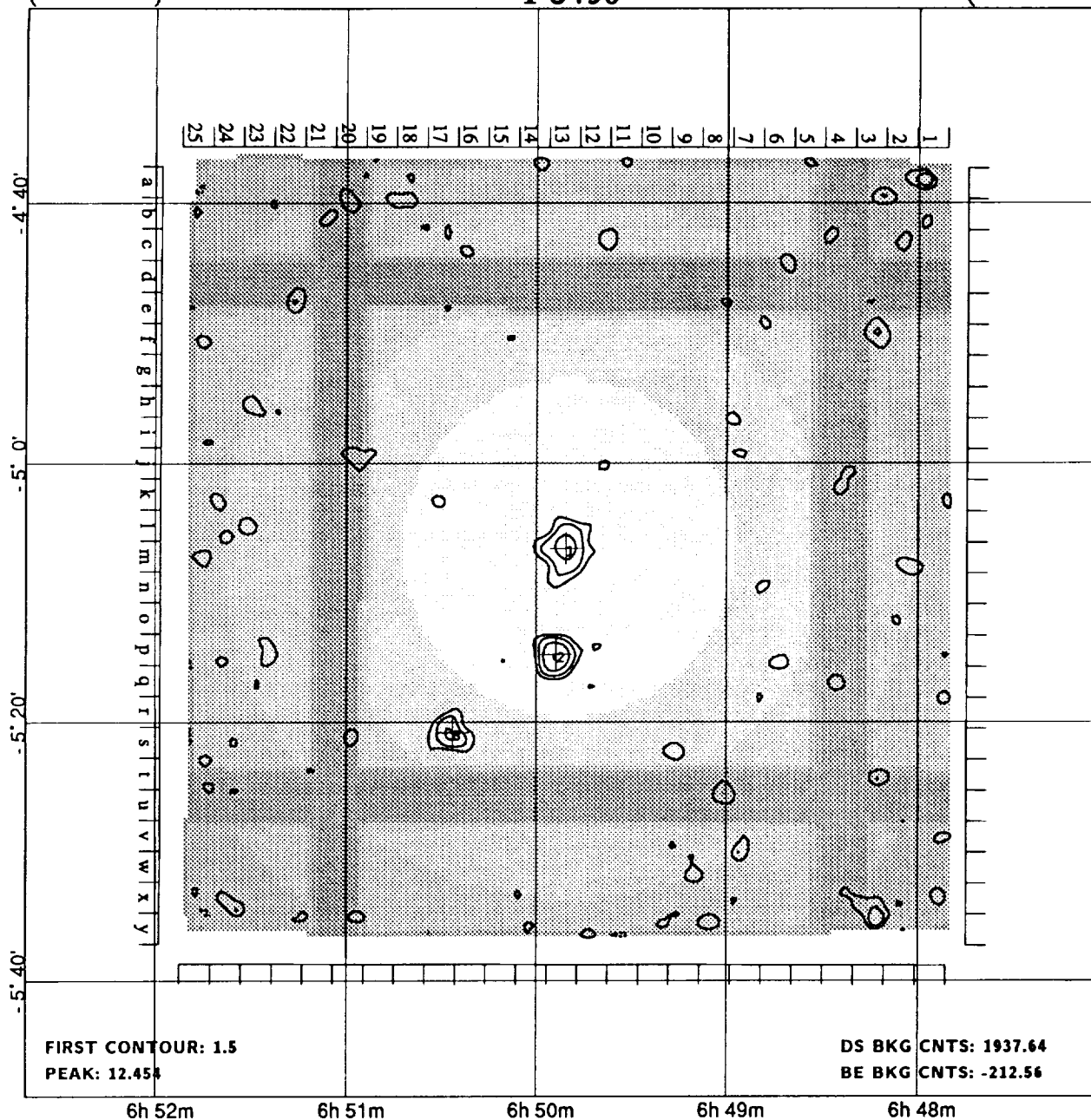
NH: 5.5E+21
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1736	1	06 48 37.0	-07 07 33	52	0.0086	0.0023	21.2	11.8	3.7	0.9	100	15.5	AH

(6h 49m)

I 5490

(6h 49m)



HD 050281

FIELD CENTER: $06^h 49^m 52.0^s$ $-05^\circ 06' 59''$ (B1950)
 $06^h 52^m 19.8^s$ $-05^\circ 10' 41''$ (J2000)
 $l: 217.64$ $b: -2.16$

DATE: 1980/ 82 - 1980/ 82
 LIVETIME: 1626.5s
 ROLL ANGLE: 90.1°

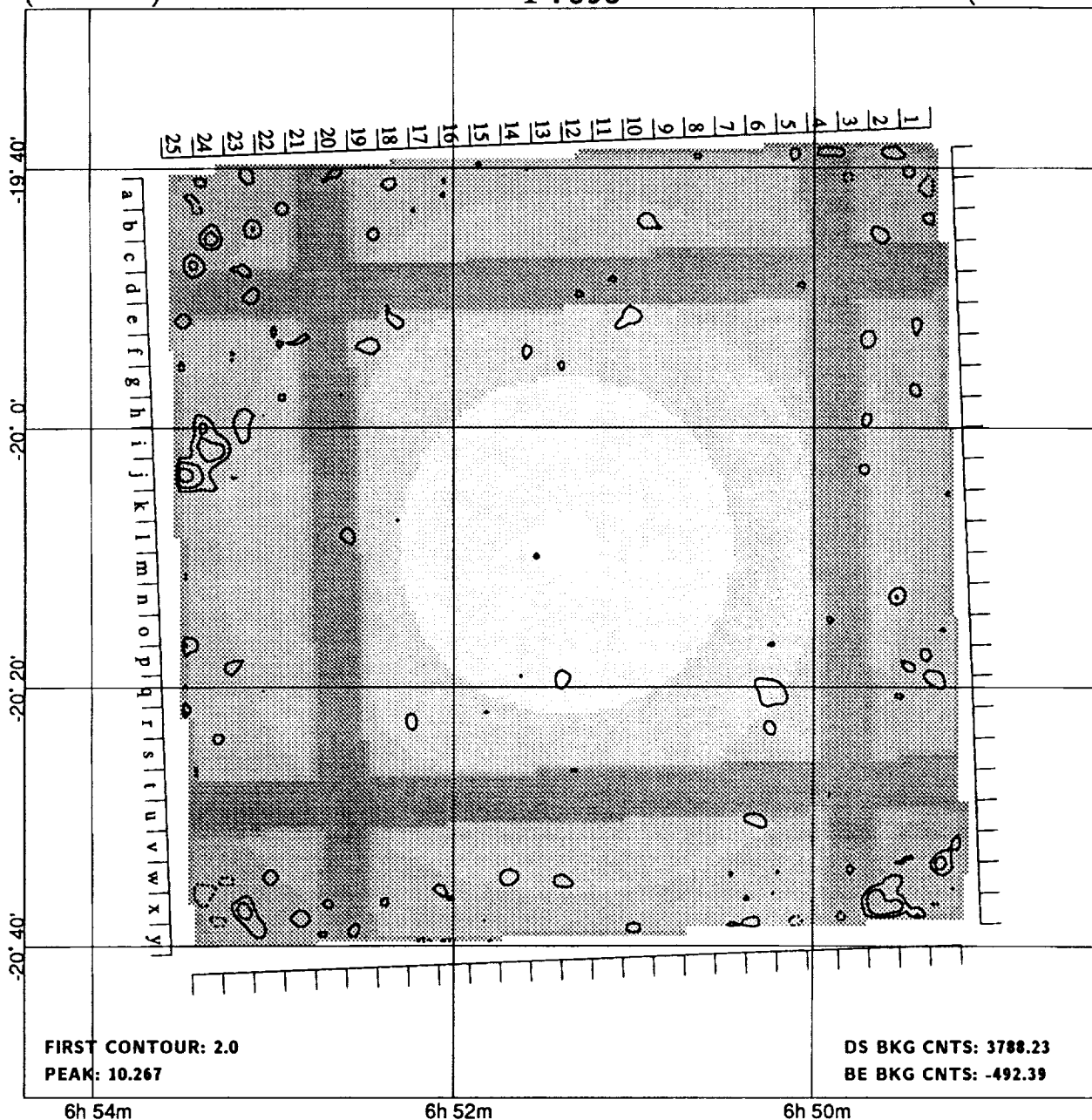
NH: $7.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1738	1	06 49 50.6	-05 06 33	35	0.0304	0.0053	36.9	4.1	5.8	1.4	0	0.8	H	S
1739	2	06 49 53.7	-05 14 45	41	0.0423	0.0064	47.1	3.9	6.6	1.0	0	7.6	H	S
1740	3	06 50 26.5	-05 20 49	52	0.0251	0.0056	22.9	3.1	4.5	1.0	0	16.4	H	S

(6h 51m)

I 7898

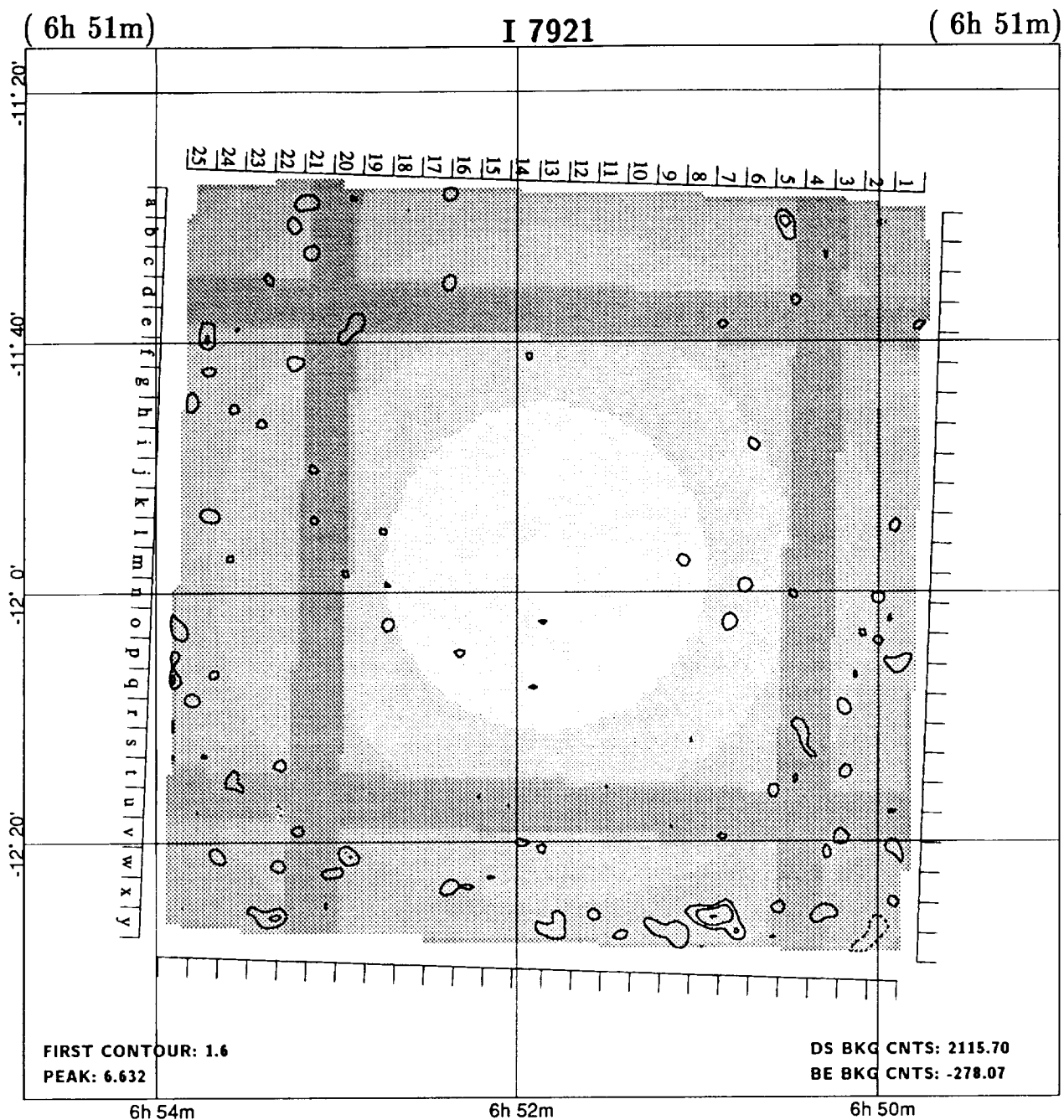
(6h 51m)



FIELD CENTER: $06^h 51^m 23.1^s$ $-20^\circ 09' 39''$ (B1950)
 $06^h 53^m 32.9^s$ $-20^\circ 13' 27''$ (J2000)
 l : 231.30 b : -8.62

DATE: 1980/ 80 - 1980/ 80
 LIVETIME: 3179.9s
 ROLL ANGLE: 87.8°

NH: $2.9E+21$
 REF/ID:
 FIELD FLAGS:



HD 50778, CORONAL ACTIVITY IN F, G, & K STARS

FIELD CENTER: 06^h51^m52.0^s -11°58'28" (B1950)
 06^h54^m11.9^s -12°02'18" (J2000)
 l : 223.98 b : -4.85

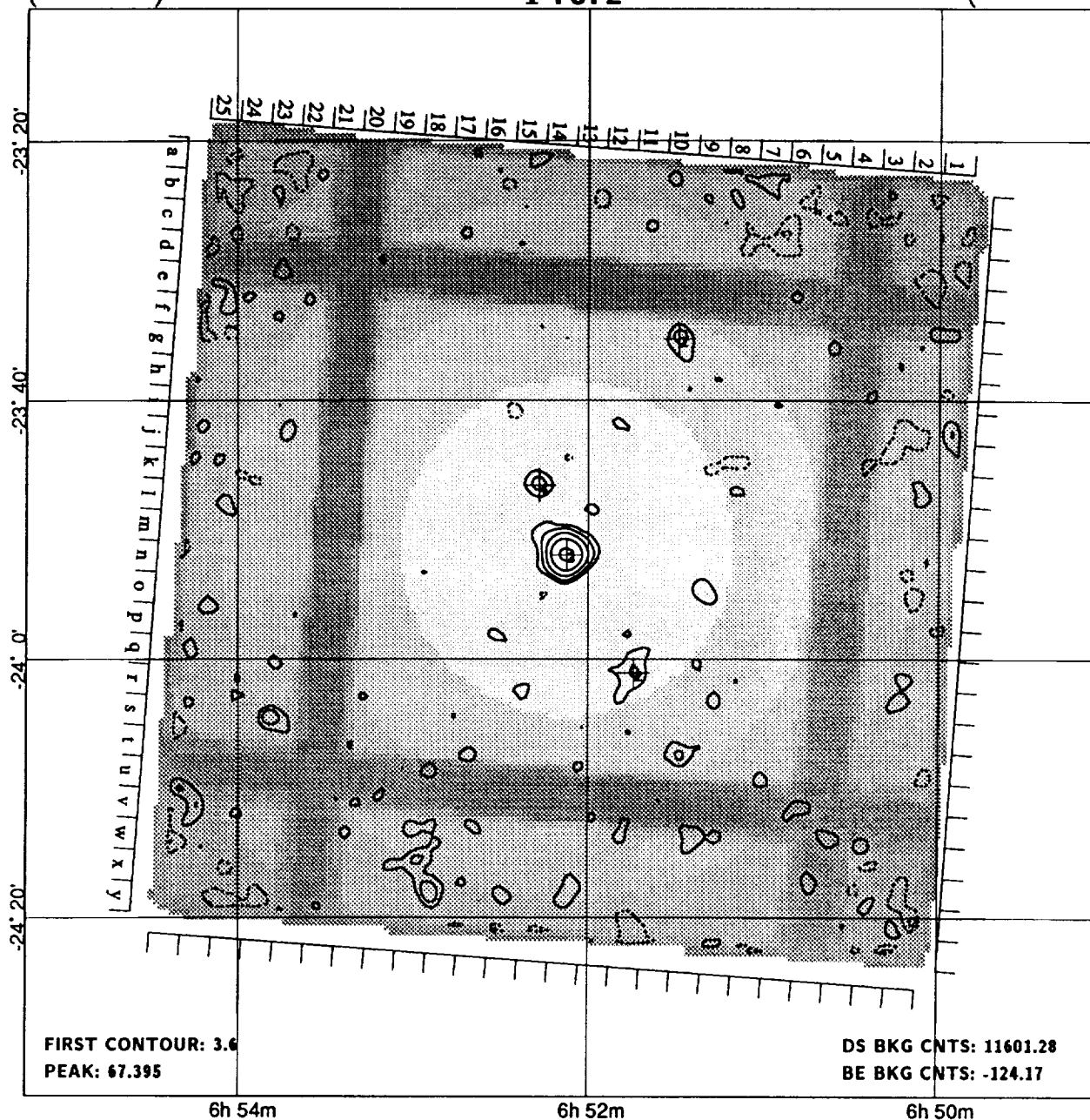
DATE: 1980/ 81 - 1980/ 81
 LIVETIME: 1776.0s
 ROLL ANGLE: 92.0°

NH: 5.4E+21
 REF/ID:
 FIELD FLAGS:

(6h 52m)

I 7872

(6h 52m)



HD 50896, COMPACT COMPANIONS OF SINGLE-LINE WR STARS

FIELD CENTER: $06^{\text{h}}52^{\text{m}}08.3^{\text{s}}$ $-23^{\circ}51'51''$ (B1950)
 $06^{\text{h}}54^{\text{m}}13.2^{\text{s}}$ $-23^{\circ}55'42''$ (J2000)
 $l: 234.76$ $b: -10.08$

DATE: 1980/ 80 - 1980/ 83
 LIVETIME: 9738.4s
 ROLL ANGLE: 94.2°

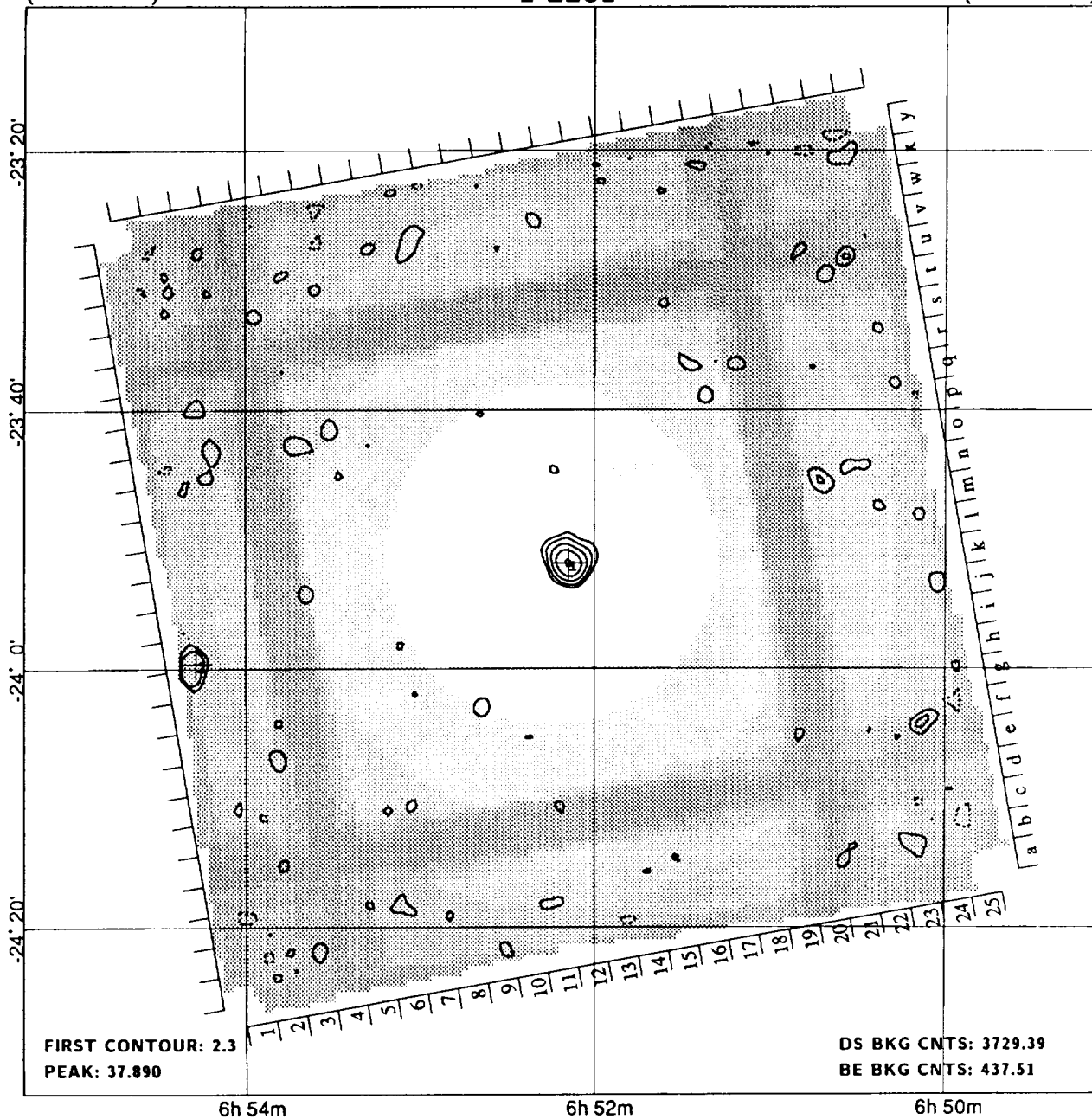
NH: $2.1\text{E}+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1741	1	06 51 29.0	-23 35 17	55	0.0044	0.0012	23.0	19.0	3.6	0.7	300	18.7	H	
1742	2	06 51 44.4	-24 01 06	43	0.0047	0.0012	29.8	28.2	3.9	1.0	0	10.8	H	
1743	3	06 52 07.4	-23 51 55	31	0.0385	0.0024	279.8	27.2	16.0	1.1	0	0.2	AH	S
1744	4	06 52 16.9	-23 46 33	42	0.0041	0.0011	28.4	28.6	3.8	0.6	0	5.9		

(6h 52m)

I 2281

(6h 52m)



STELLAR SURVEY-WOLF-RAYET STARS: HD50896=S308

FIELD CENTER: $06^h 52^m 12.0^s$ $-23^\circ 50' 59''$ (B1950)
 $06^h 54^m 16.9^s$ $-23^\circ 54' 50''$ (J2000)
 $l: 234.75$ $b: -10.06$

DATE: 1979/283 - 1979/291
 LIVETIME: 3022.0s
 ROLL ANGLE: -99.8°

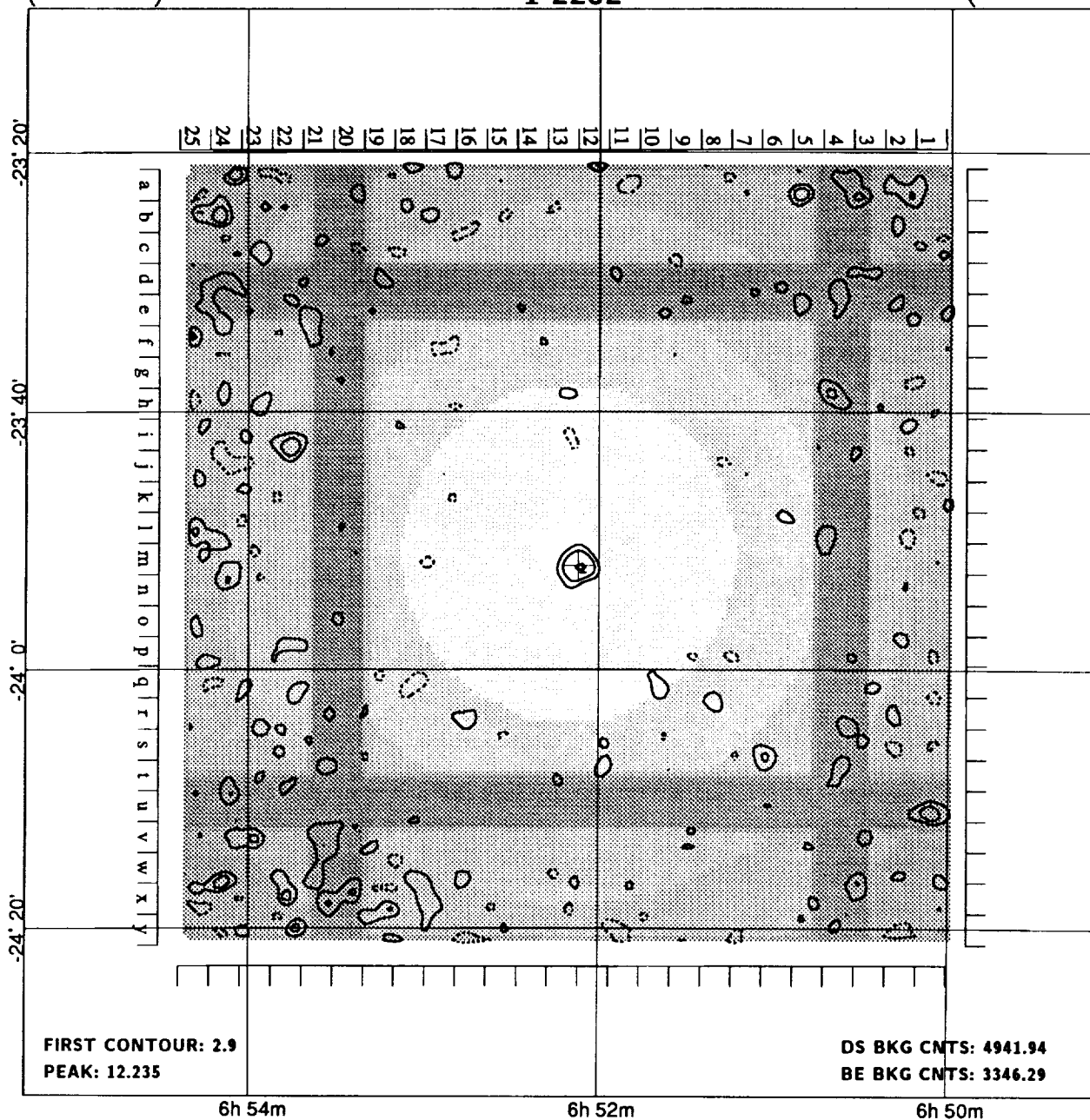
NH: $2.1E+21$
 REF/ID: S
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1743	1	06 52 08.8	-23 51 49	31	0.0653	0.0056	146.6	11.4	11.7	1.0	0	0.9	AH	S
1745	2	06 54 17.0	-23 59 37	55	*0.0169	0.0046	17.4	4.6	3.7	0.9	602	29.9	H	

(6h 52m)

I 2282

(6h 52m)



STELLAR SURVEY-WOLF-RAYET STARS: HD50896=S308

FIELD CENTER: $06^h 52^m 12.0^s$ $-23^\circ 50' 59''$ (B1950)
 $06^h 54^m 16.9^s$ $-23^\circ 54' 50''$ (J2000)
 $l: 234.75$ $b: -10.06$

DATE: 1981/106 - 1981/106
 LIVETIME: 4004.6s
 ROLL ANGLE: 89.9°

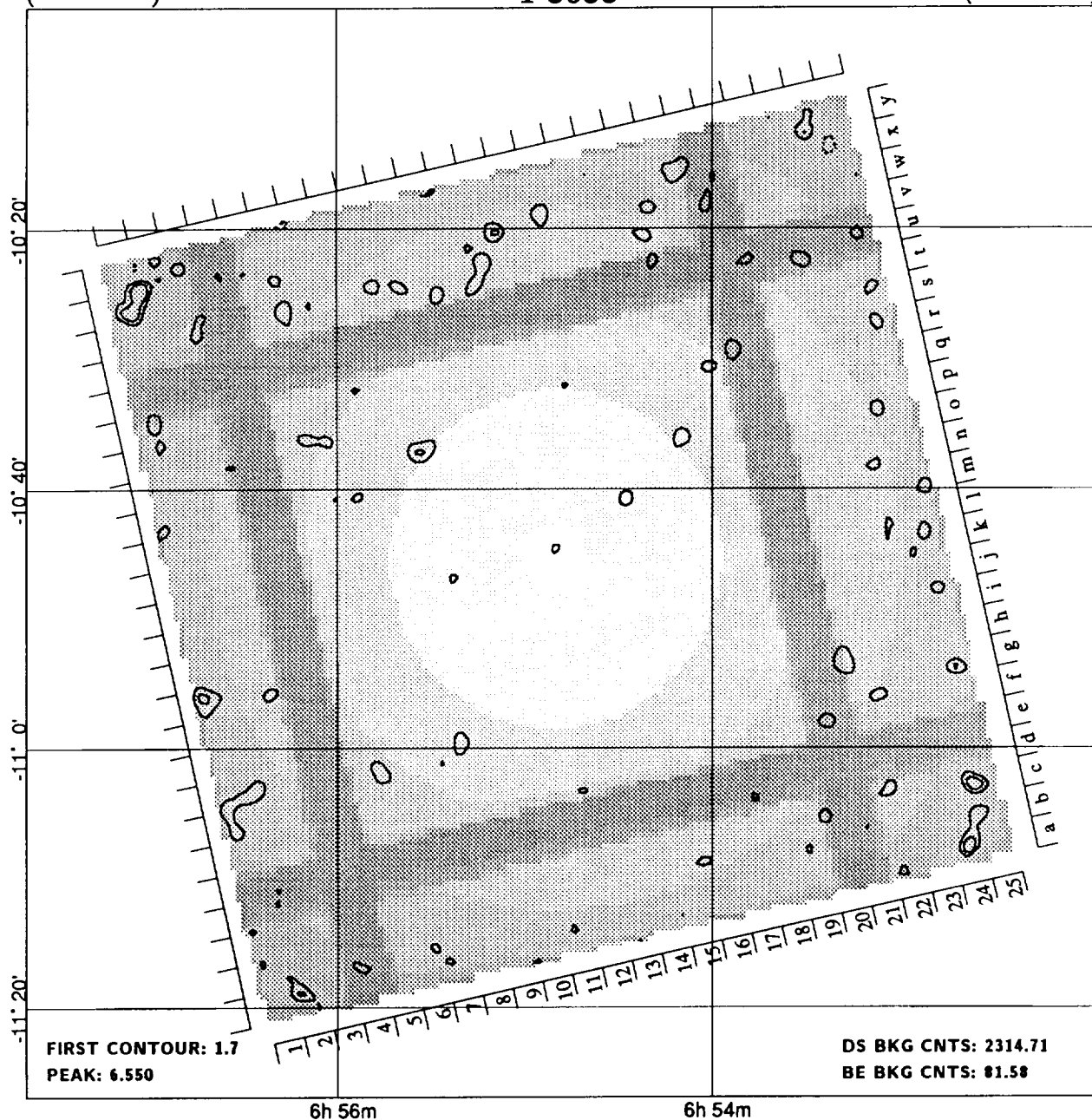
NH: $2.1E+21$
 REF/ID: S
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1743	1L	06 52 07.1	-23 51 50	35	0.0147	0.0033	43.7	24.3	4.3	0.9	0	1.3	A	S

(6h 54m)

I 5058

(6h 54m)



HD 51480, ACTIVE CLOSE BINARY STARS

FIELD CENTER: $06^h 54^m 48.0^s$ $-10^\circ 44' 59''$ (B1950)
 $06^h 57^m 09.4^s$ $-10^\circ 49' 02''$ (J2000)
 $l: 223.22$ $b: -3.66$

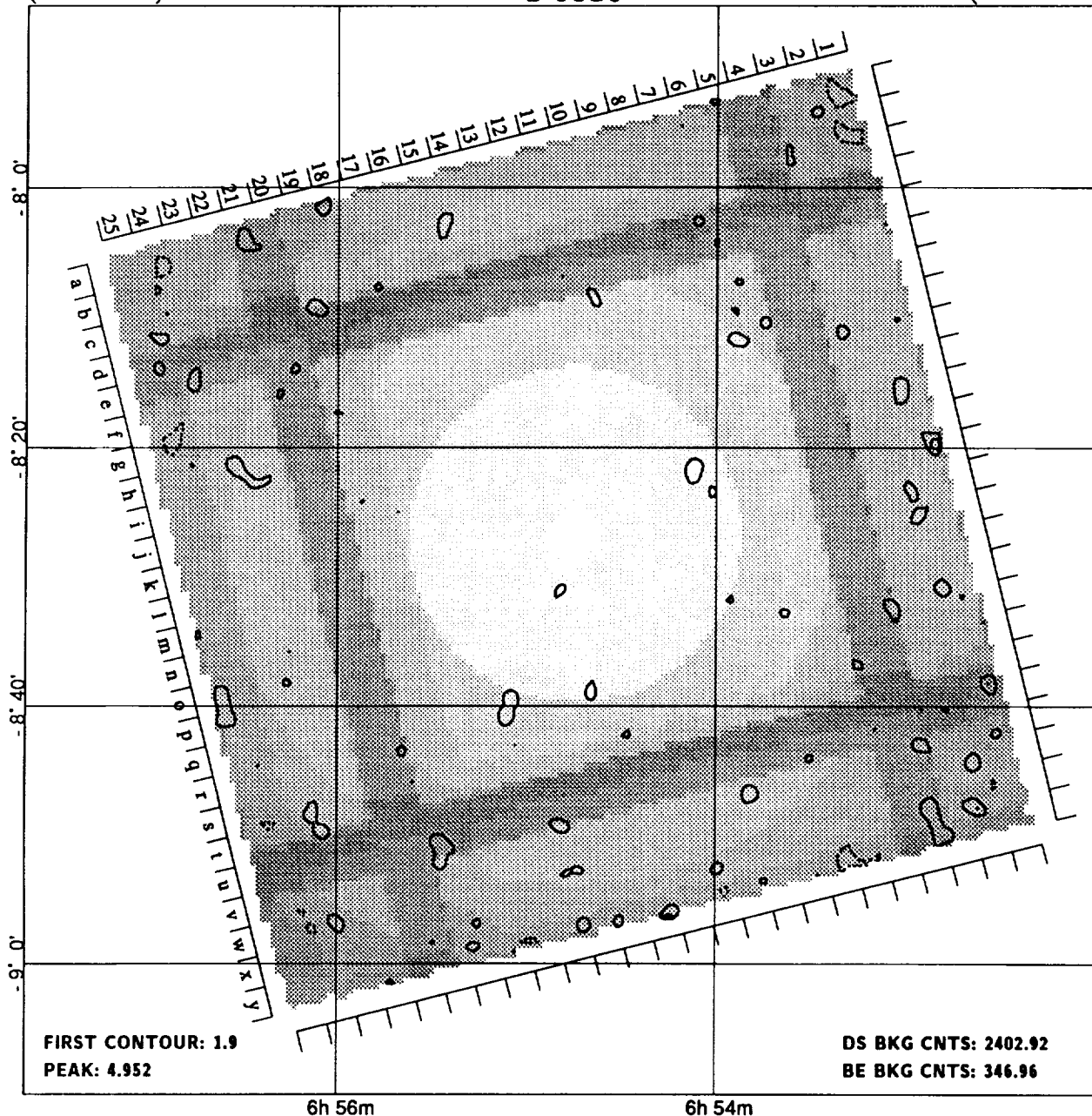
DATE: 1979/294 - 1979/294
LIVETIME: 1875.7s
ROLL ANGLE: -102.7°

NH: $6.7E+21$
REF/ID:
FIELD FLAGS:

(6h 54m)

I 6810

(6h 54m)



OB RUNAWAYS: HD 51477

FIELD CENTER: $06^h 54^m 48.0^s$ $-08^\circ 27' 59''$ (B1950)
 $06^h 57^m 12.0^s$ $-08^\circ 32' 02''$ (J2000)
 $l: 221.19$ $b: -2.61$

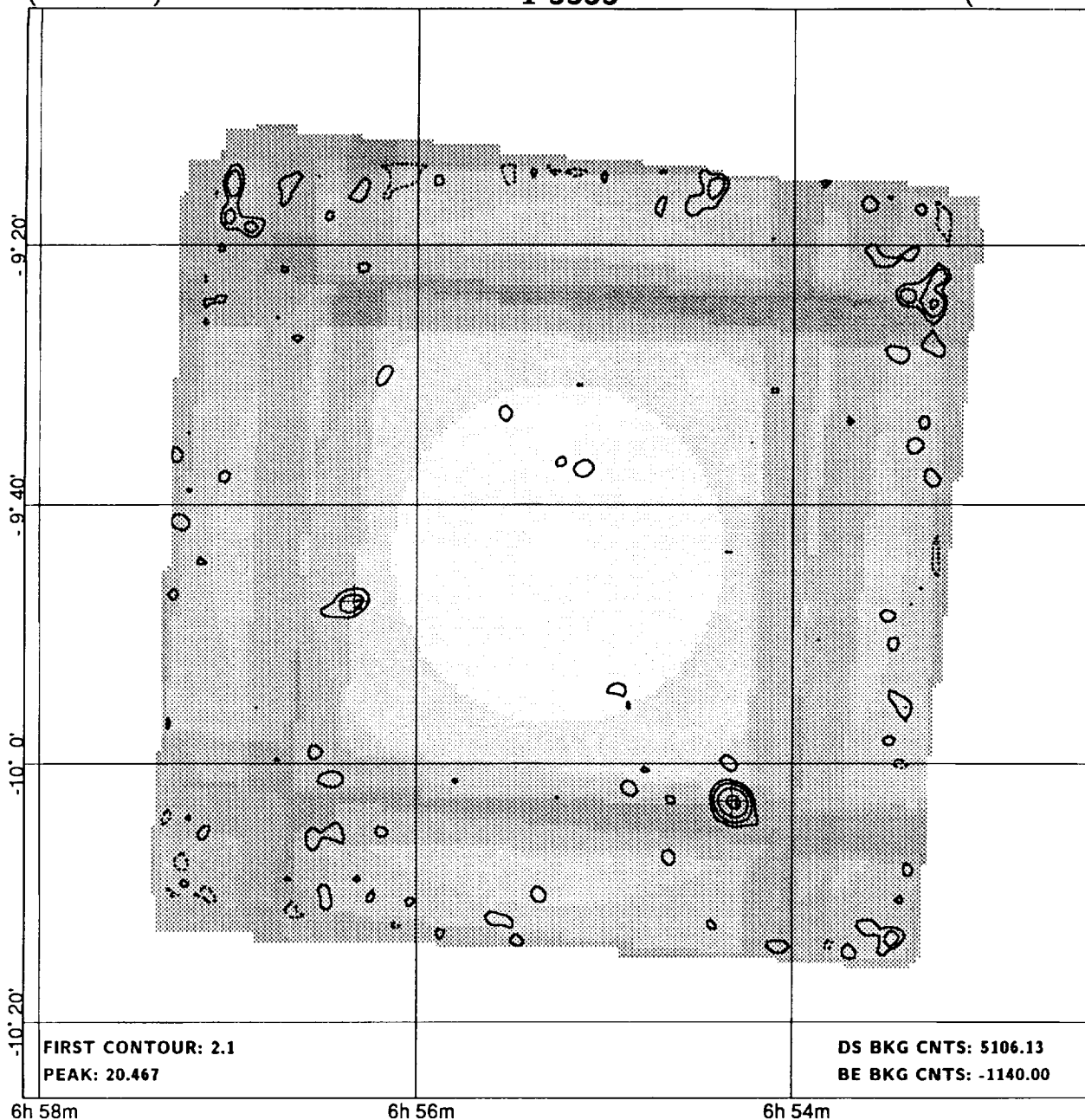
DATE: 1980/111 - 1980/111
LIVETIME: 2017.1s
ROLL ANGLE: 75.9°

NH: $6.8E+21$
REF/ID:
FIELD FLAGS:

(6h 55m)

I 3353

(6h 55m)



DWARF NOVAE: EQ MON

FIELD CENTER: $06^{\text{h}}55^{\text{m}}14.4^{\text{s}}$ $-09^{\circ}43'51''$ (B1950)
 $06^{\text{h}}57^{\text{m}}37.0^{\text{s}}$ $-09^{\circ}47'55''$ (J2000)
 $l: 222.36$ $b: -3.09$

DATE: 1979/ 87 - 1979/267
 LIVETIME: 4137.6s

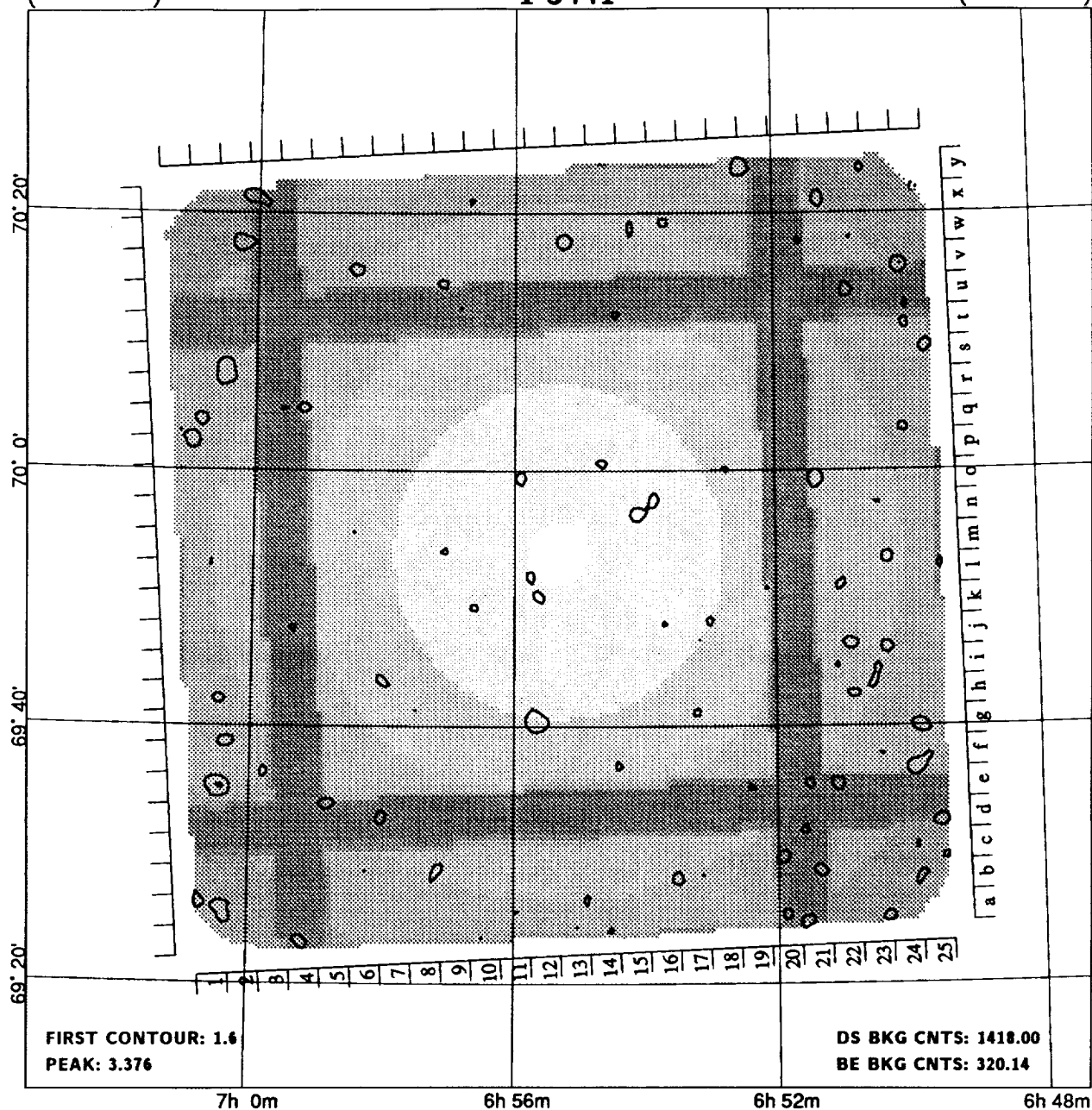
NH: $6.0\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1746	1	06 54 19.2	-10 02 52	50	*0.0261	0.0039	49.4	5.6	6.7	0.9	1106	23.1		
1753	2	06 56 20.0	-09 47 28	55	*0.0076	0.0021	17.9	7.1	3.6	0.8	806	16.8		

(6h 55m)

I 3441

(6h 55m)



A 564, MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: $06^h 55^m 18.0^s$ $69^\circ 53' 59''$ (B1950)
 $07^h 00^m 48.1^s$ $69^\circ 49' 48''$ (J2000)
 l : 145.50 b : 26.14

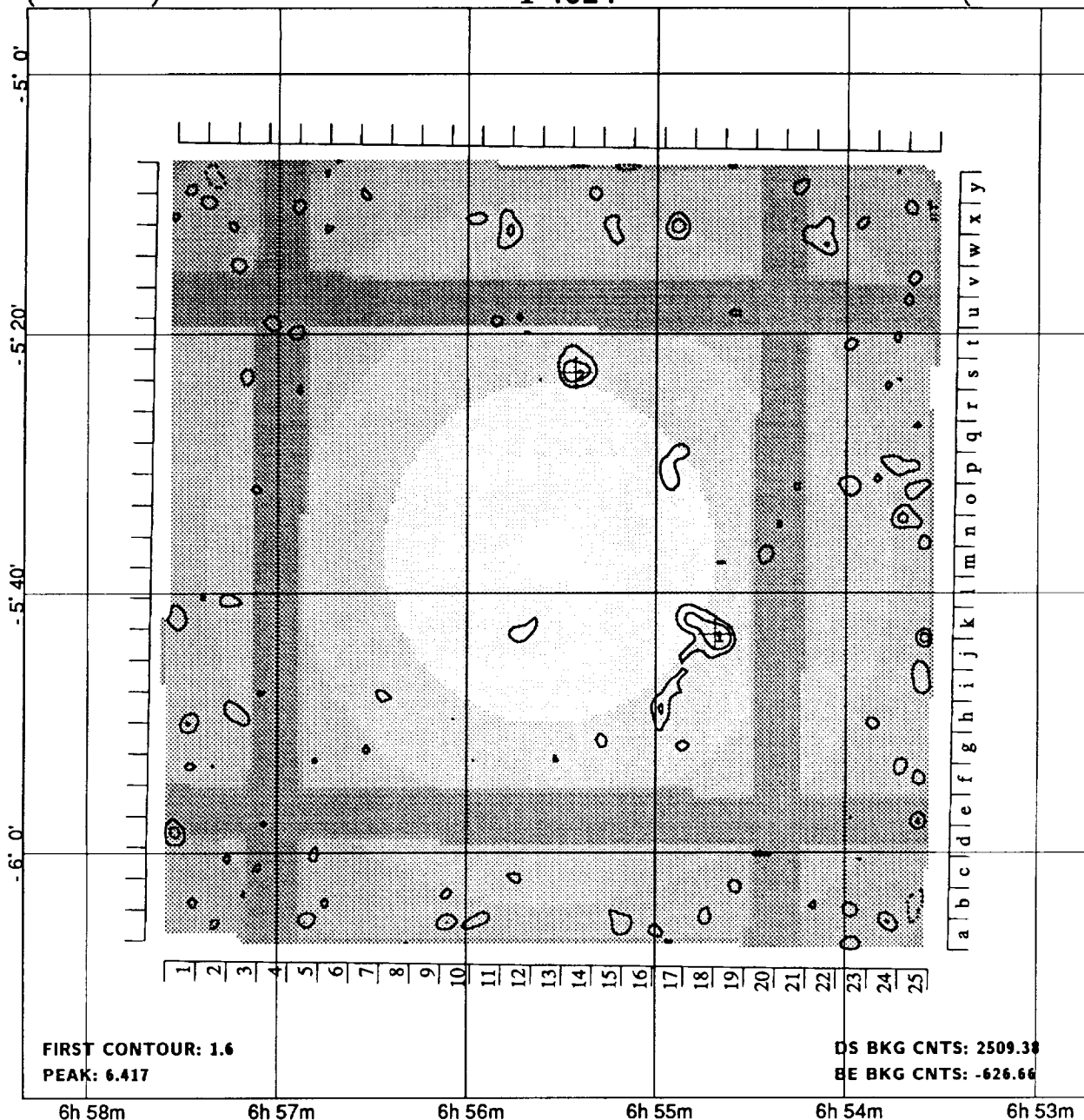
DATE: 1979/281 - 1979/281
 LIVETIME: 1149.0s
 ROLL ANGLE: -92.7°

NH: $4.8E+20$
 REF/ID:
 FIELD FLAGS:

(6h 55m)

I 4624

(6h 55m)



FIELD CENTER: $06^h 55^m 31.2^s$ $-05^\circ 36' 59''$ (B1950)
 $06^h 57^m 58.5^s$ $-05^\circ 41' 05''$ (J2000)
 $l: 218.74$ $b: -1.14$

DATE: 1979/267 - 1979/267
LIVETIME: 2033.4s
ROLL ANGLE: -89.3°

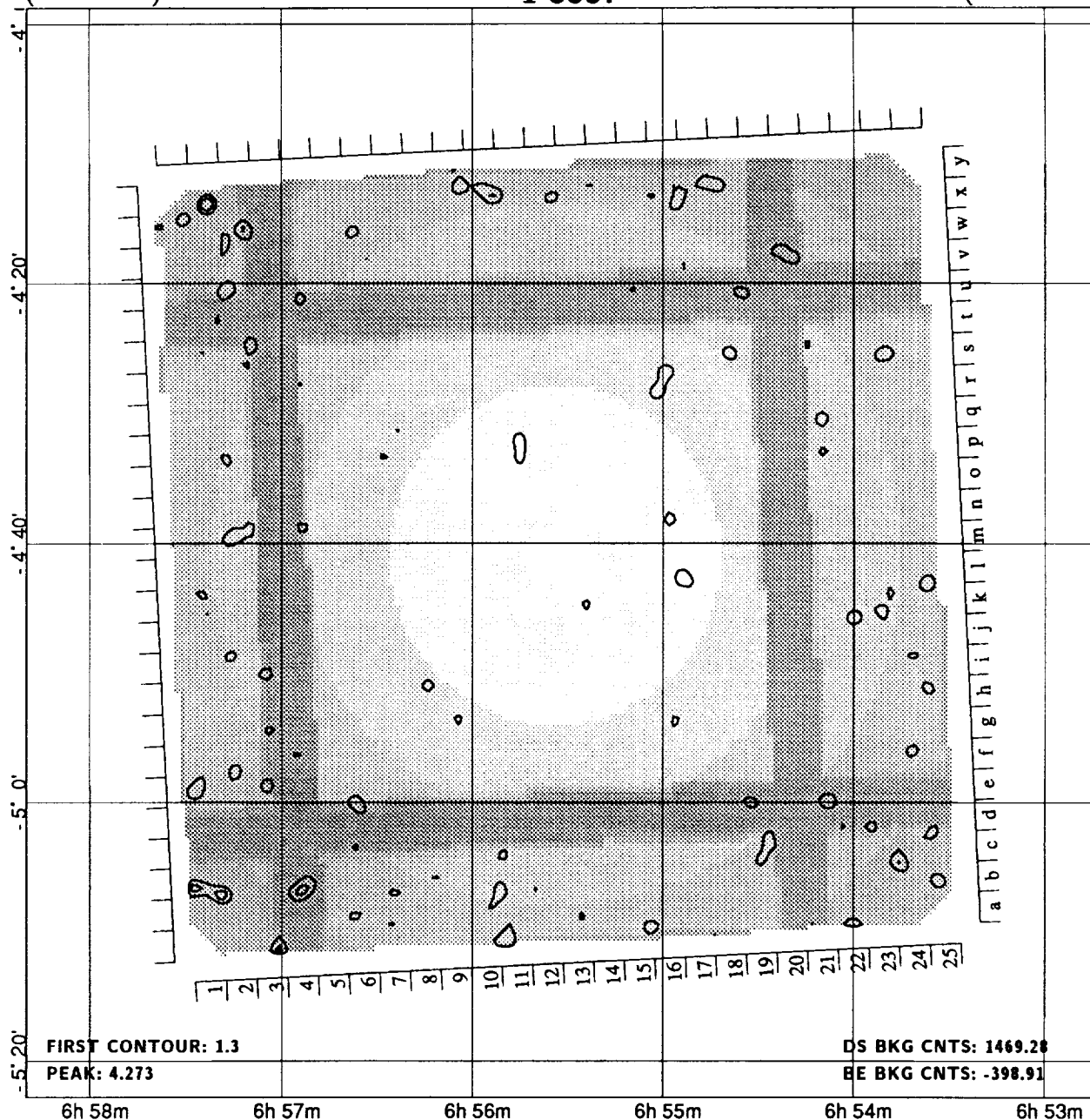
NH: $7.3E+21$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1747	1	06 54 41.2	-05 43 11	43	0.0155	0.0039	18.9	3.1	4.0	1.3	0	13.2	H
1749	2	06 55 25.6	-05 23 01	46	0.0137	0.0037	16.9	4.1	3.7	1.0	0	14.0	

(6h 55m)

I 3337

(6h 55m)



COS-B GAMMA RAY SOURCE REGION D

FIELD CENTER: $06^h55^m31.2^s$ $-04^\circ40'47''$ (B1950)
 $06^h57^m59.6^s$ $-04^\circ44'53''$ (J2000)
 $l: 217.90$ $b: -0.71$

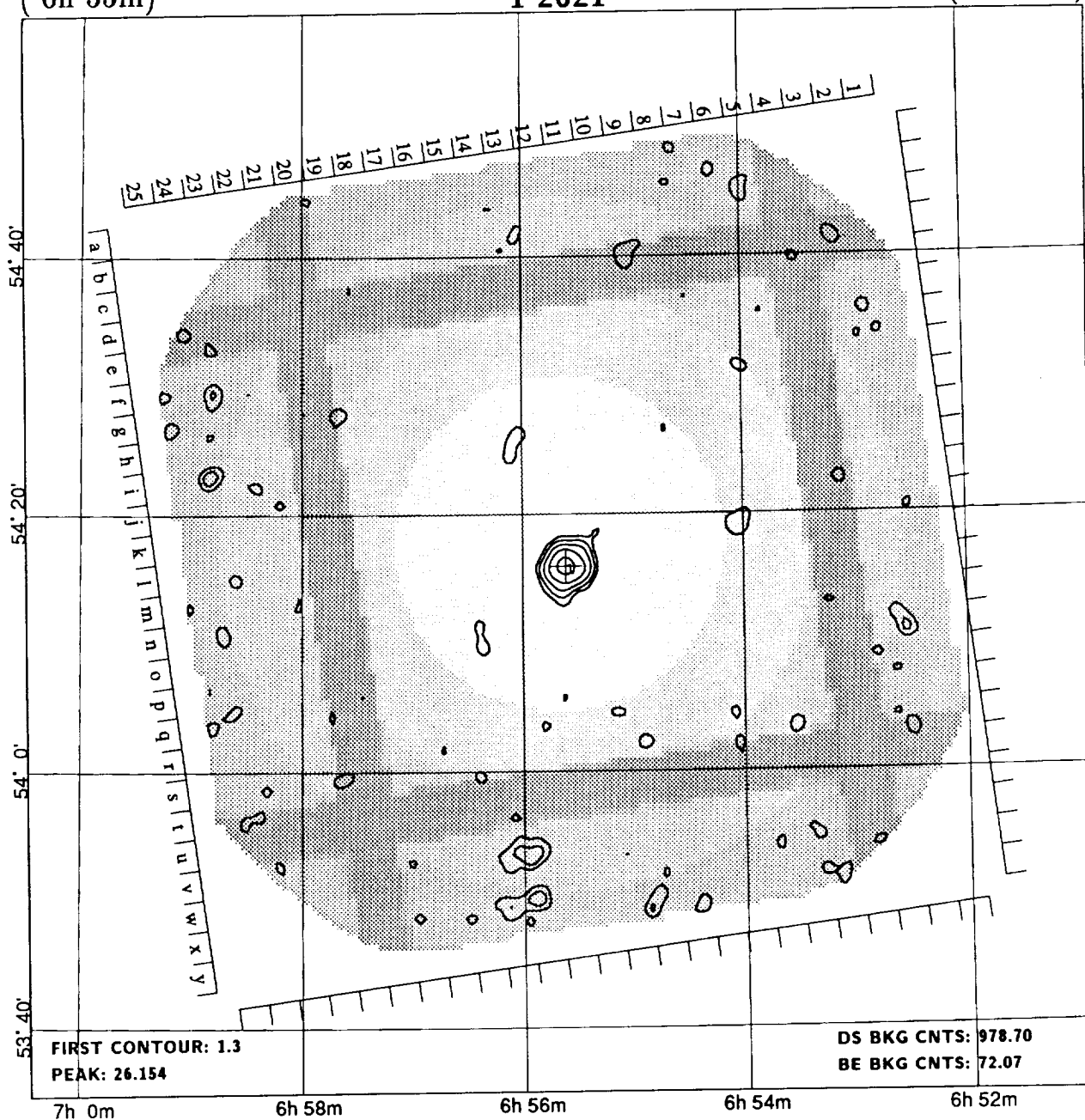
DATE: 1979/267 - 1979/267
 LIVETIME: 1190.6s
 ROLL ANGLE: -92.0°

NH: $7.7E+21$
 REF/ID:
 FIELD FLAGS:

(6h 55m)

I 2621

(6h 55m)



FIELD CENTER: $06^h 55^m 42.0^s$ $54^\circ 16' 59''$ (B1950)
 $06^h 59^m 45.6^s$ $54^\circ 12' 50''$ (J2000)
 $l: 162.30$ $b: 22.88$

DATE: 1979/ 99 - 1979/ 99
LIVETIME: 793.1s
ROLL ANGLE: 82.3°

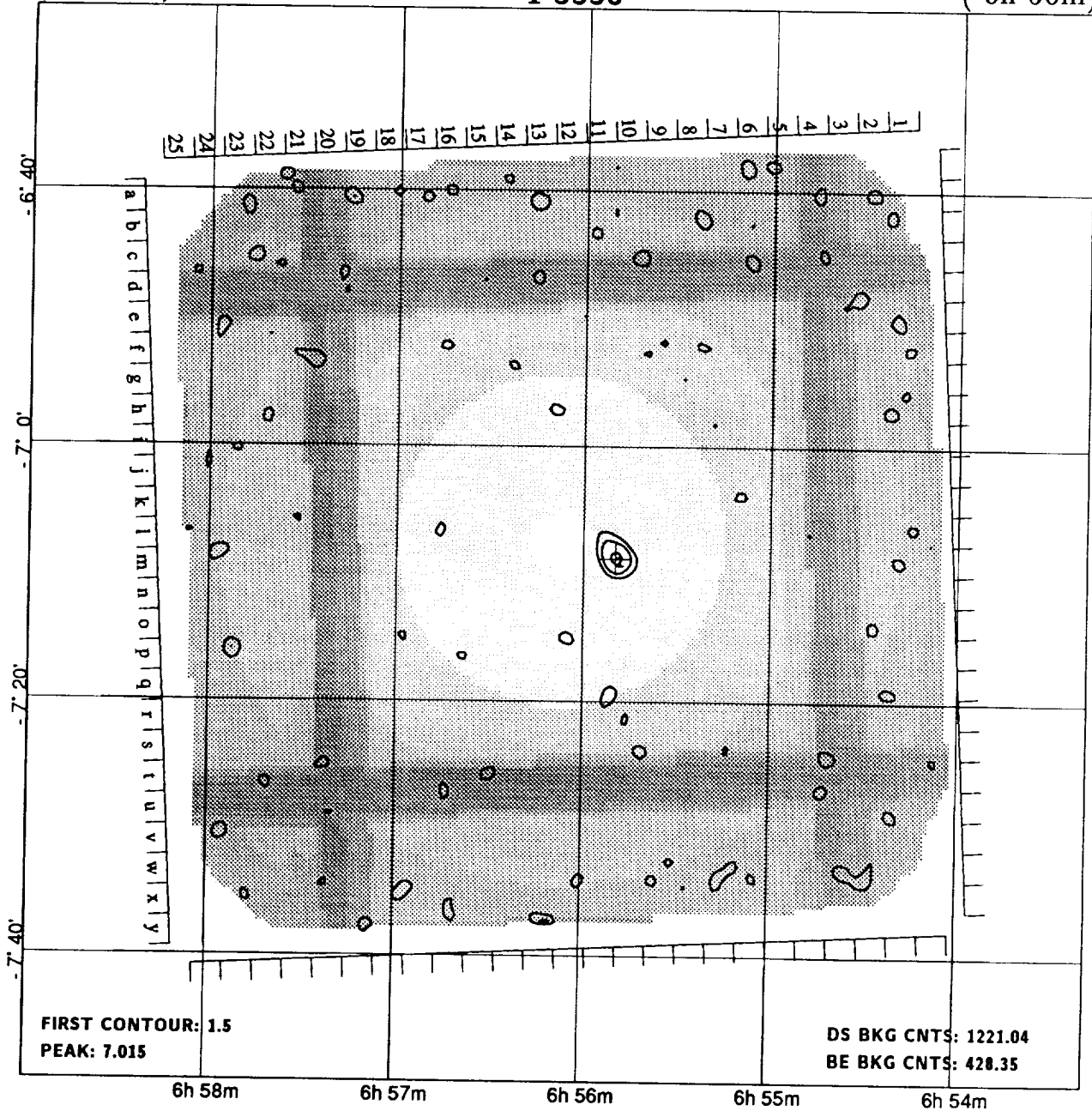
NH: $6.3E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1750	1	06 55 36.5	54 15 56	31	0.189	0.018	110.5	2.5	10.4	1.2	0	1.1	H	

(6h 56m)

I 3338

(6h 56m)



FIELD CENTER: $06^h 56^m 08.0^s$ $-07^\circ 07' 43''$ (B1950)
 $06^h 58^m 33.6^s$ $-07^\circ 11' 52''$ (J2000)
 $l: 220.15$ $b: -1.70$

DATE: 1979/ 88 - 1979/ 88
 LIVETIME: 989.4s
 ROLL ANGLE: 87.3°

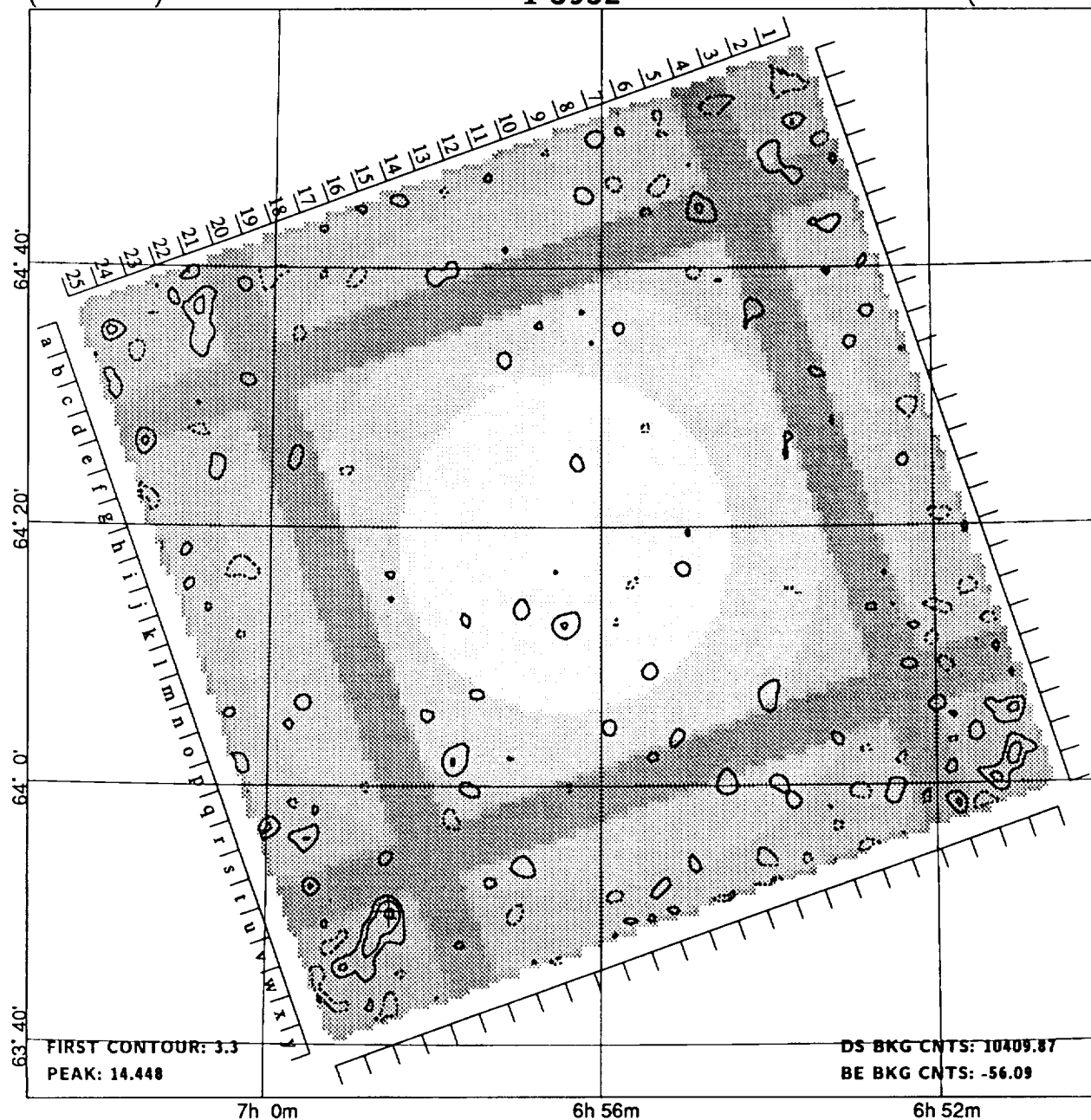
NH: $7.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1752	1	06 55 49.7	-07 08 45	36	0.0405	0.0081	28.9	4.1	5.0	0.9	0	4.5	H

(6h 56m)

I 5932

(6h 56m)



RADIO PULSAR PROJECT:

FIELD CENTER: $06^h 56^m 28.0^s$ $64^\circ 17' 59''$ (B1950)
 $07^h 01^m 15.8^s$ $64^\circ 13' 45''$ (J2000)
 $l: 151.64$ $b: 25.29$

DATE: 1980/ 70 - 1980/ 70
 LIVETIME: 8435.4s
 ROLL ANGLE: 70.5°

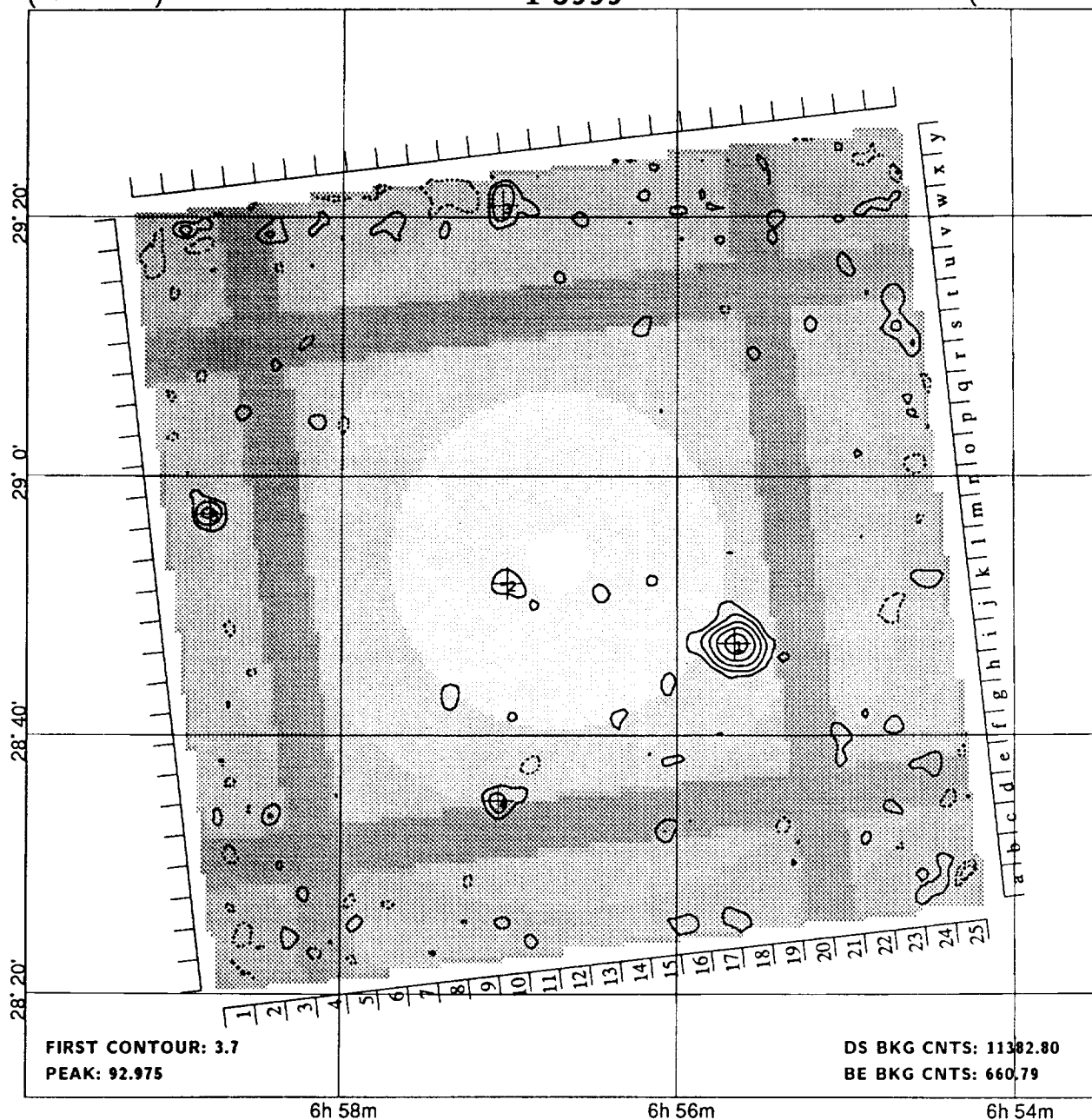
NH: $4.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1764	1	06 58 32.0	63 50 20	56	*0.0084	0.0021	22.9	11.1	3.9	2.0	704	30.6	H

(6h 56m)

I 5999

(6h 56m)



Transition B Stars: EPSILON C MA (B2 II)

FIELD CENTER: $06^h56^m40.0^s$ $28^\circ53'59''$ (B1950)
 $06^h59^m49.4^s$ $28^\circ49'47''$ (J2000)
 $l: 187.59$ $b: 14.38$

DATE: 1980/271 - 1980/271

NH: $9.9E+20$

LIVETIME: 9223.8s

REF/ID:

ROLL ANGLE: -96.6°

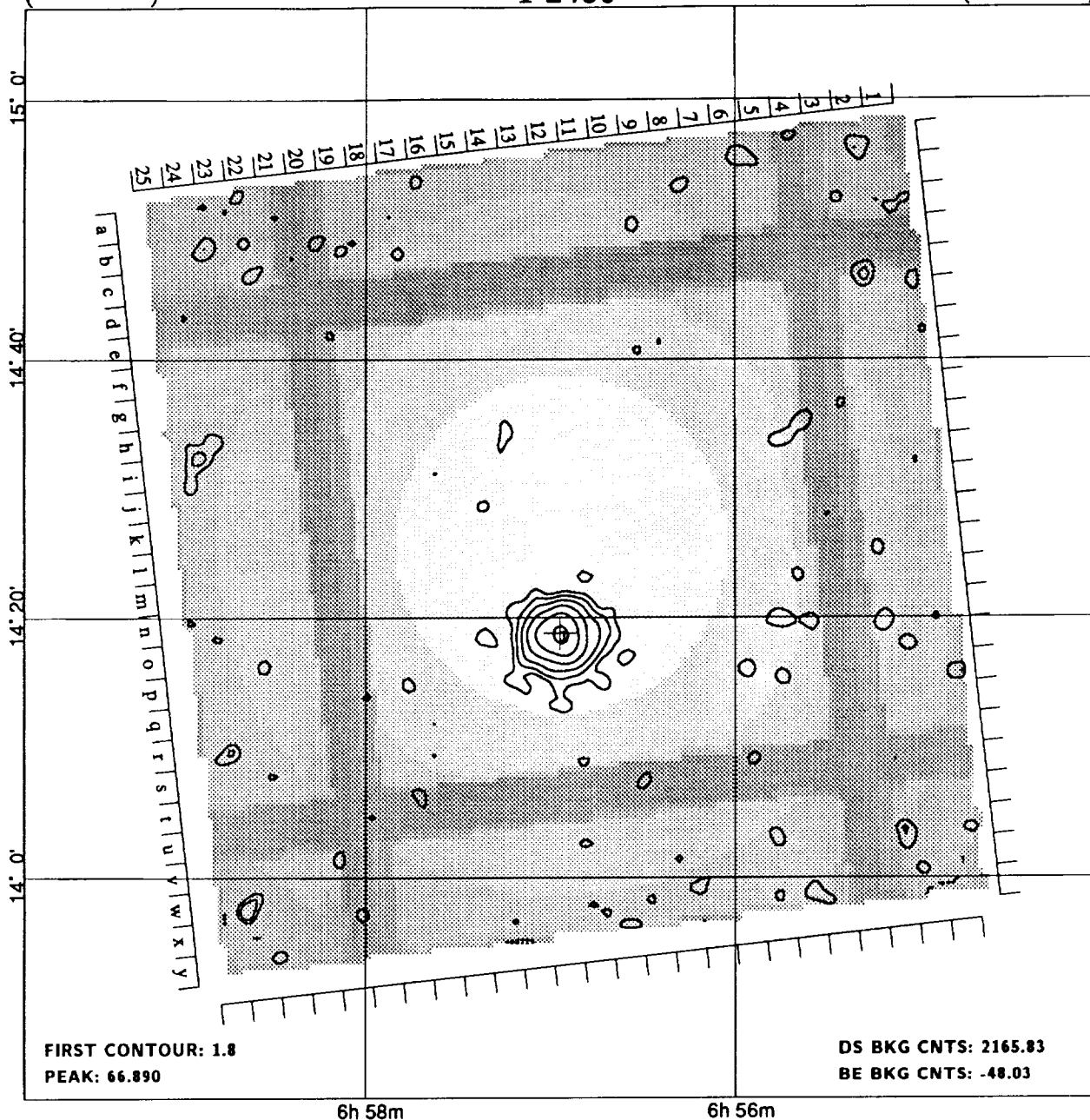
FIELD FLAGS:

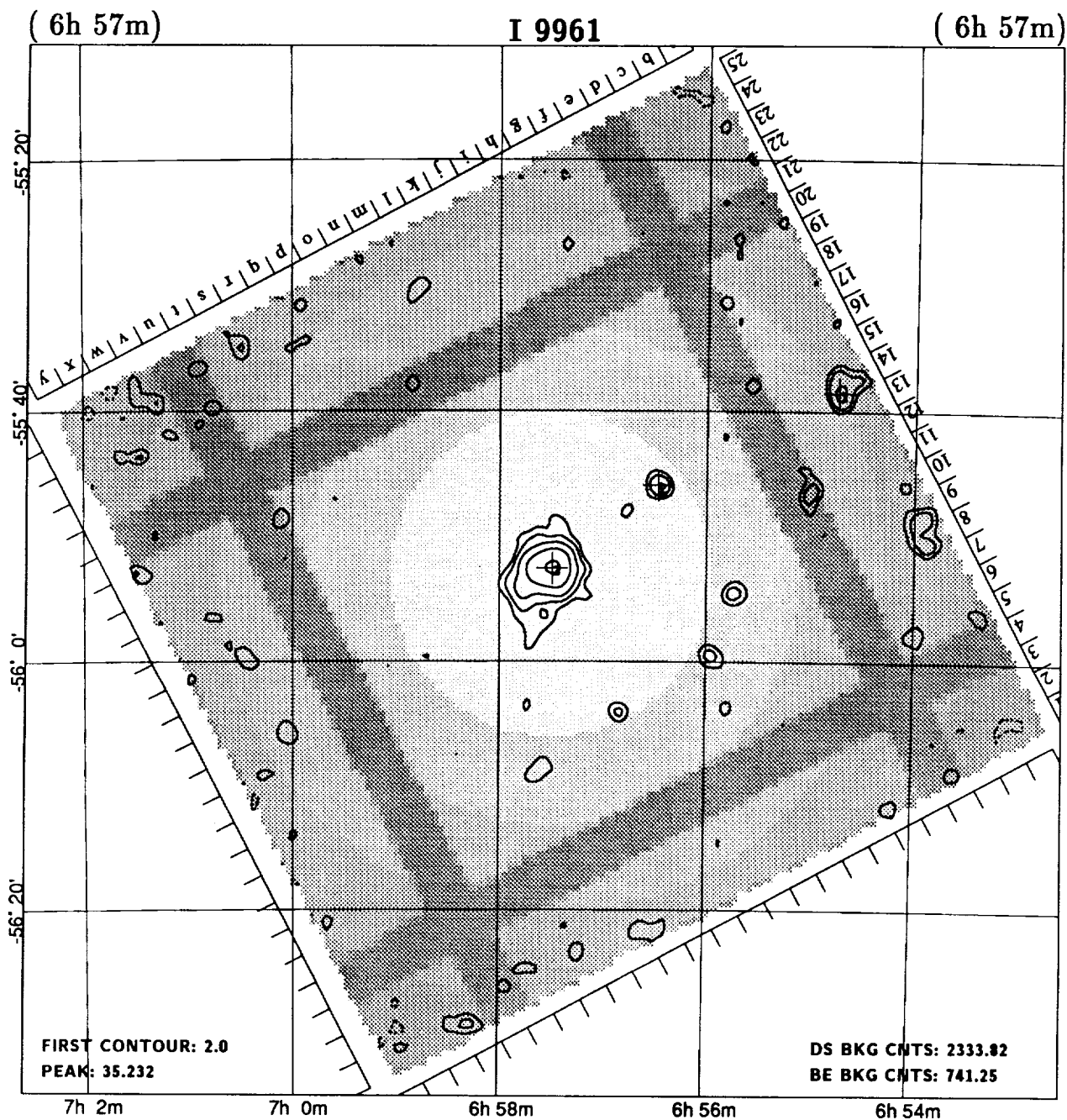
CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1751	1	06 55 39.5	28 47 08	38	0.0511	0.0032	278.0	24.0	16.0	1.2	0	14.8	H	S
1756	2	06 57 00.8	28 51 49	36	0.0047	0.0012	31.2	32.8	3.9	0.6	0	4.9	H	
1757	3	06 57 02.7	29 20 53	55	0.0086	0.0020	30.7	20.3	4.3	1.1	100	27.8	H	
1758	4	06 57 03.9	28 34 52	55	*0.0062	0.0014	30.0	15.0	4.5	0.8	804	20.0	H	
1765	5	06 58 46.9	28 57 04	51	0.0087	0.0020	31.3	19.7	4.4	0.8	0	28.1		

(6h 56m)

I 2486

(6h 56m)





H0700-563, UNIDENTIFIED HEAO-A2 SOURCE POS #2

FIELD CENTER: 06^h57^m34.0^s -55°52'58" (B1950)
06^h58^m32.1^s -55°57'09" (J2000)
 l : 266.03 b : -21.25

DATE: 1981/ 30 - 1981/ 30
LIVETIME: 1891.2s
ROLL ANGLE: 152.2°

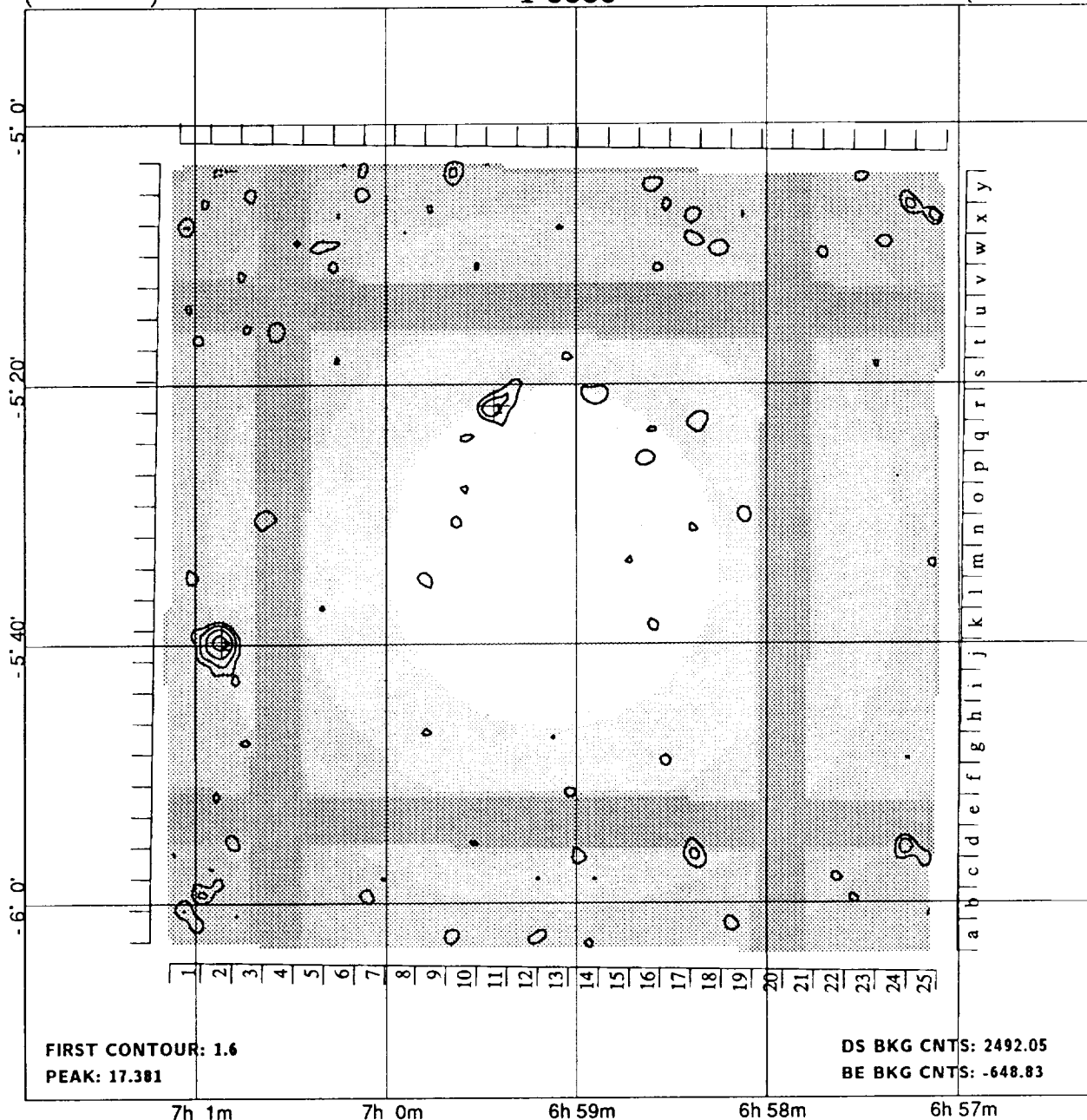
NH: 8.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1748	1	06 54 44.4	-55 38 30	52	0.0284	0.0069	20.9	5.1	4.1	1.0	0	28.3	H
1754	2	06 56 28.1	-55 46 00	42	0.0166	0.0043	20.5	7.5	3.9	0.7	0	11.6	H
1759	3	06 57 29.3	-55 52 35	31	0.1218	0.0095	171.6	8.4	12.8	2.1	0	0.4	AH

(6h 59m)

I 3335

(6h 59m)



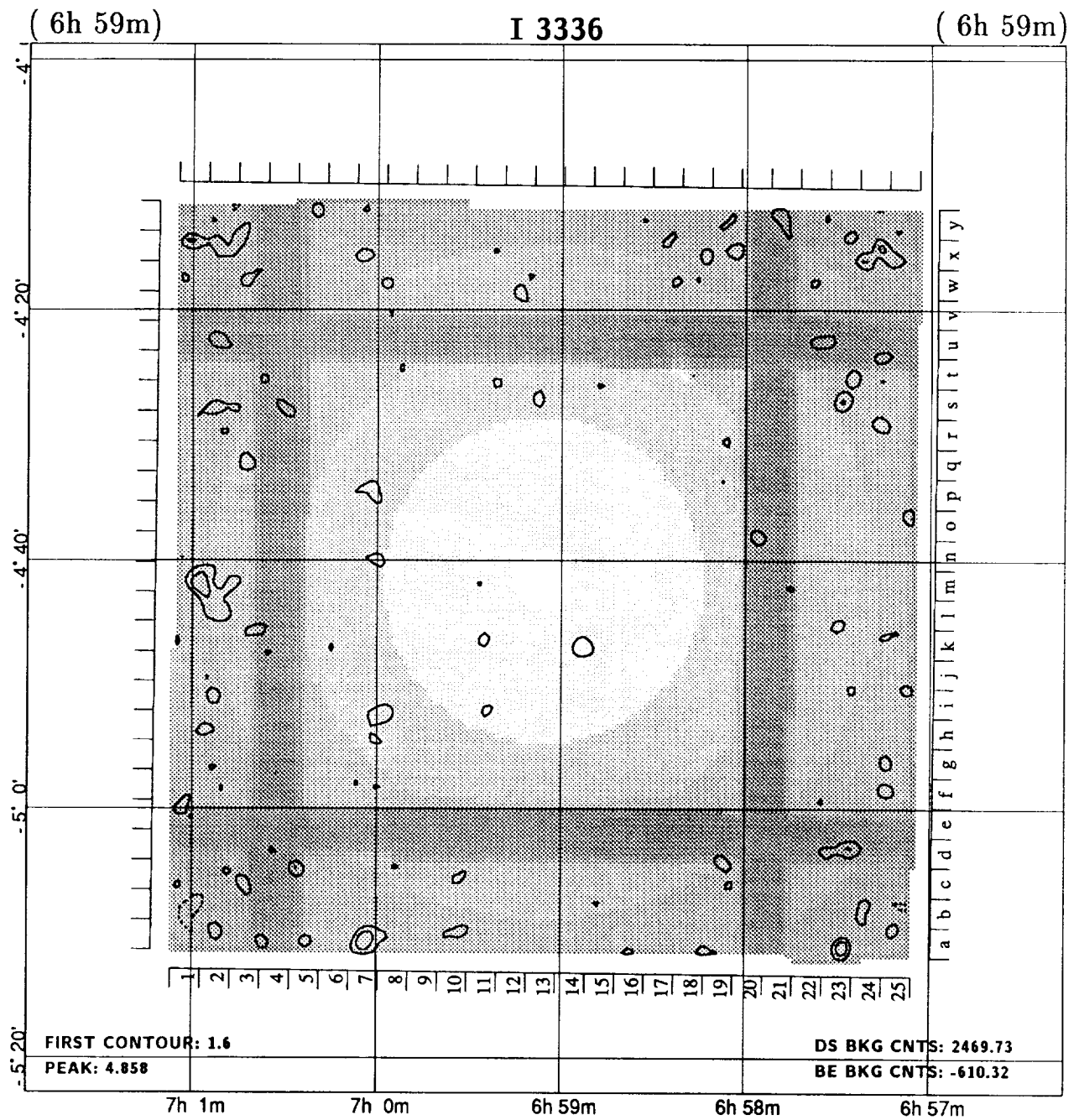
COS-B GAMMA RAY SOURCE REGION D

FIELD CENTER: $06^h 59^m 04.8^s$ $-05^\circ 32' 59''$ (B1950)
 $07^h 01^m 32.2^s$ $-05^\circ 37' 20''$ (J2000)
 ℓ : 219.09 b : -0.32

DATE: 1979/267 - 1979/267
 LIVETIME: 2019.4s
 ROLL ANGLE: -89.2°

NH: $7.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1766	1	06 59 25.9	-05 21 40	46	0.0133	0.0036	16.8	4.2	3.7	0.9	0	12.6	H	
1770	2	07 00 51.8	-05 39 46	51	0.0394	0.0073	31.9	3.1	5.4	1.0	0	27.6	AH	S



COS-B GAMMA RAY SOURCE REGION D

FIELD CENTER: $06^h 59^m 04.8^s$ $-04^\circ 40' 47''$ (B1950)
 $07^h 01^m 33.2^s$ $-04^\circ 45' 08''$ (J2000)
 $l: 218.31$ $b: 0.08$

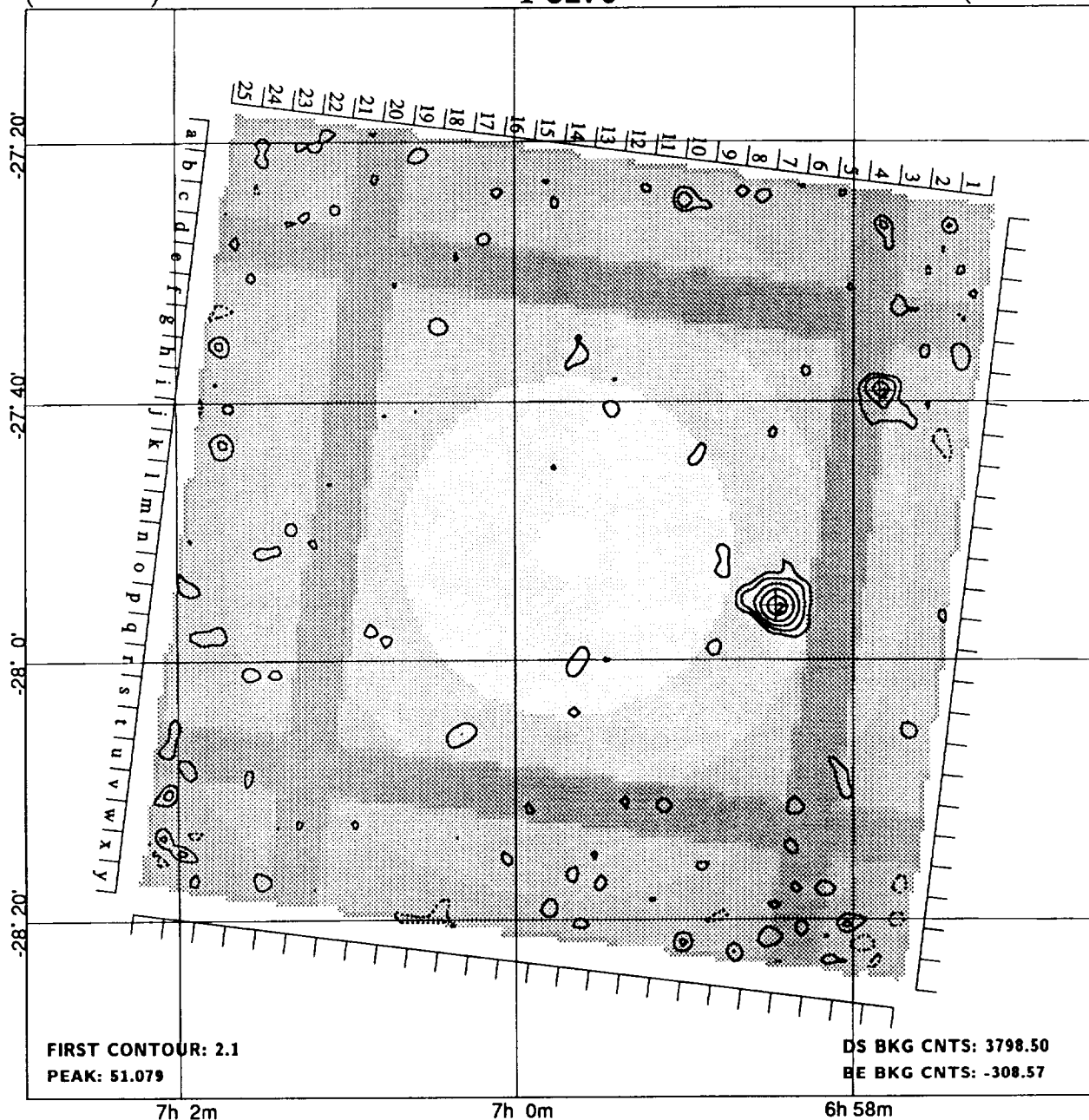
DATE: 1979/267 - 1979/268
 LIVETIME: 2001.3s
 ROLL ANGLE: -89.5°

NH: $7.1E+21$
 REF/ID:
 FIELD FLAGS:

(6h 59m)

I 5276

(6h 59m)

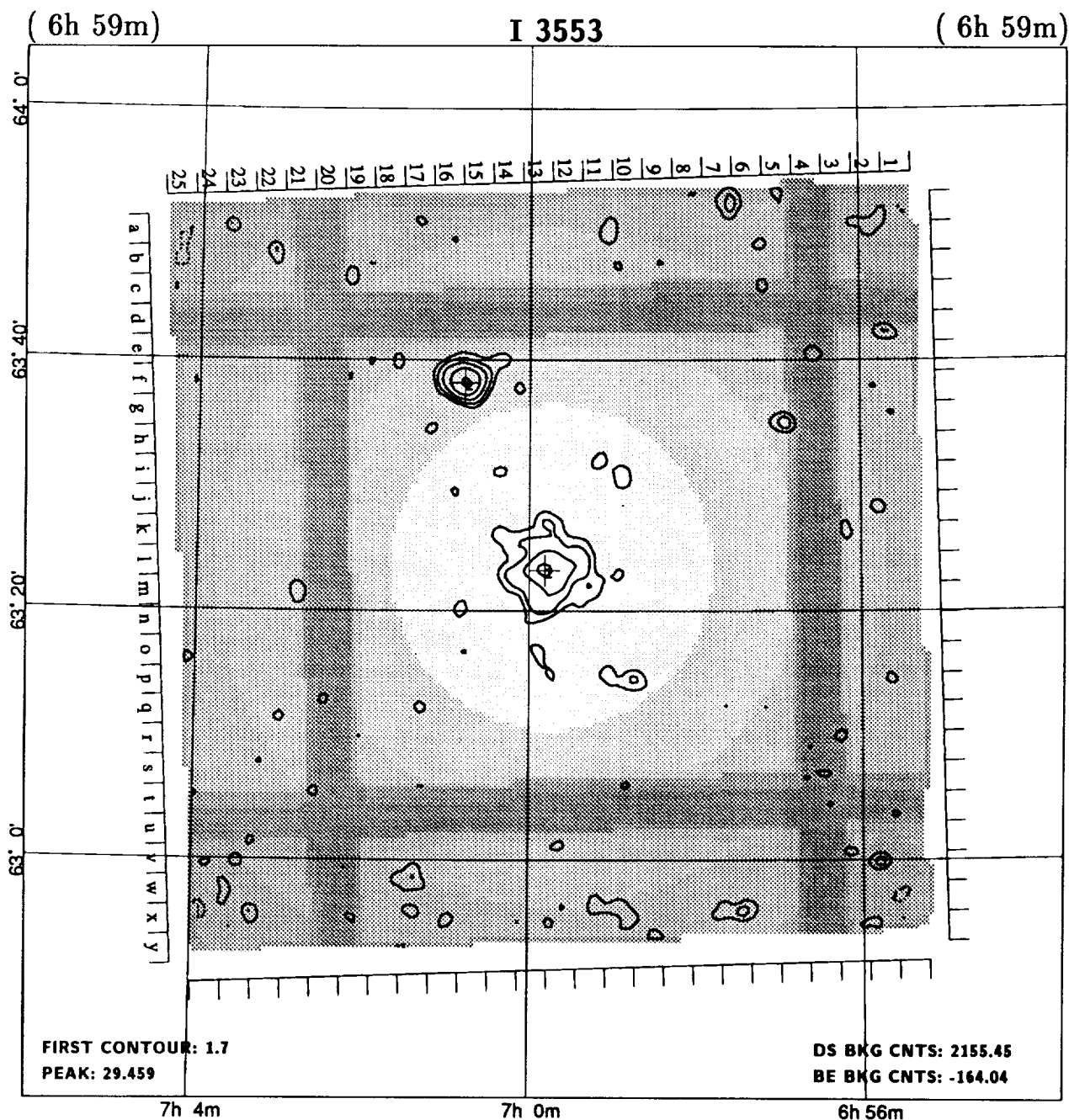


FIELD CENTER: $06^h 59^m 43.6^s$ $-27^\circ 51' 43''$ (B1950)
 $07^h 01^m 43.2^s$ $-27^\circ 56' 06''$ (J2000)
 $l: 239.17$ $b: -10.27$

DATE: 1980/ 80 - 1980/ 80
 LIVETIME: 3078.0s
 ROLL ANGLE: 97.1°

NH: $2.1E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1762	1	06 57 50.8	-27 39 12	53	*0.0160	0.0040	19.5	4.5	4.0	1.1	1109	27.7	H	
1763	2	06 58 27.4	-27 55 49	48	0.0832	0.0071	143.5	5.5	11.8	1.2	0	17.4	H	



RADIO SOURCES WITH STEEP SPECTRA: 4C63.10

FIELD CENTER: 06^h59^m48.0^s 63°22'59" (B1950)
07^h04^m29.9^s 63°18'31" (J2000)
 l : 152.72 b : 25.48

DATE: 1979/ 98 - 1979/ 98
LIVETIME: 1746.6s
ROLL ANGLE: 88.1°

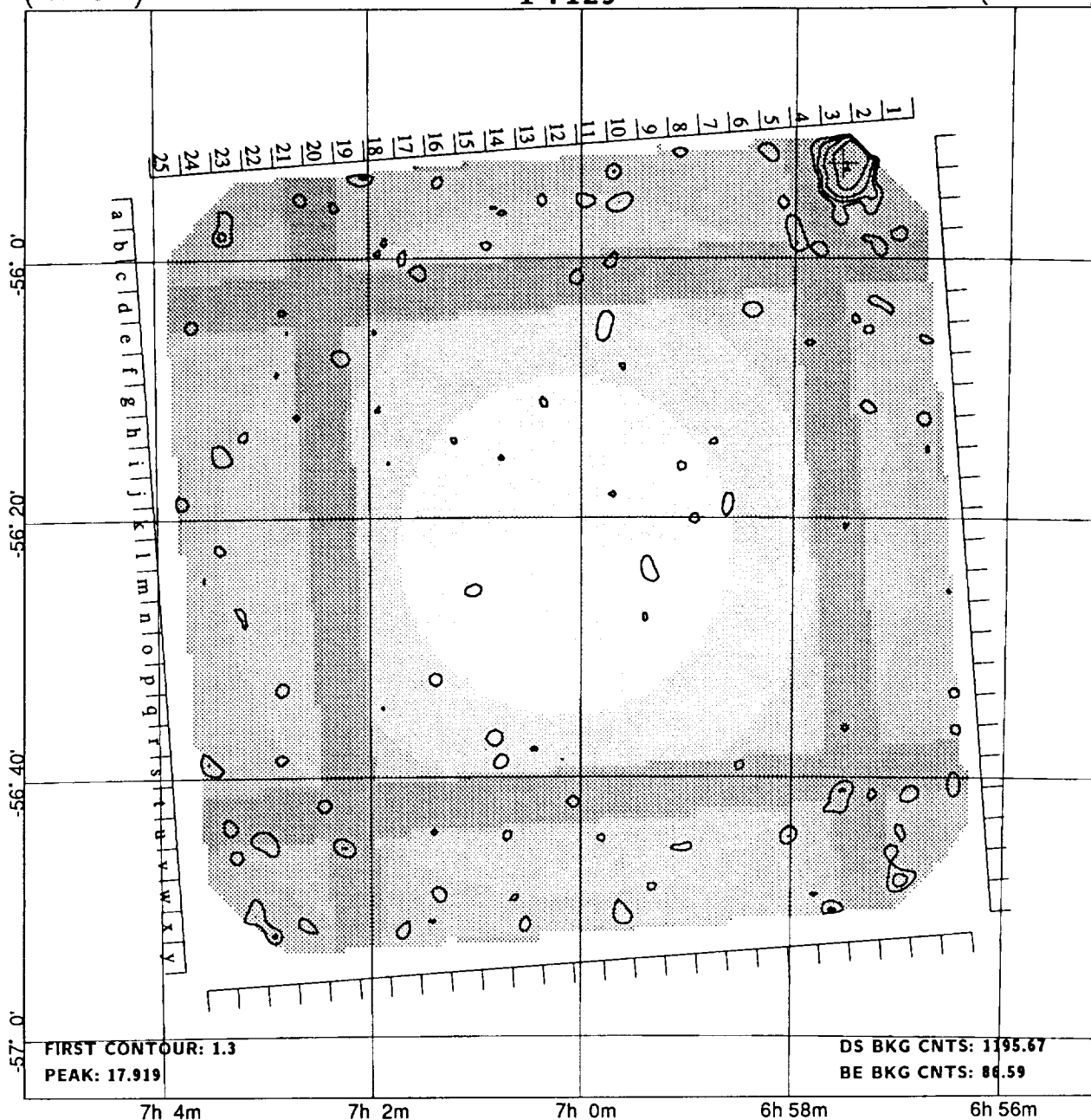
NH: 5.1E+20
REF/ID:
FIELD FLAGS:

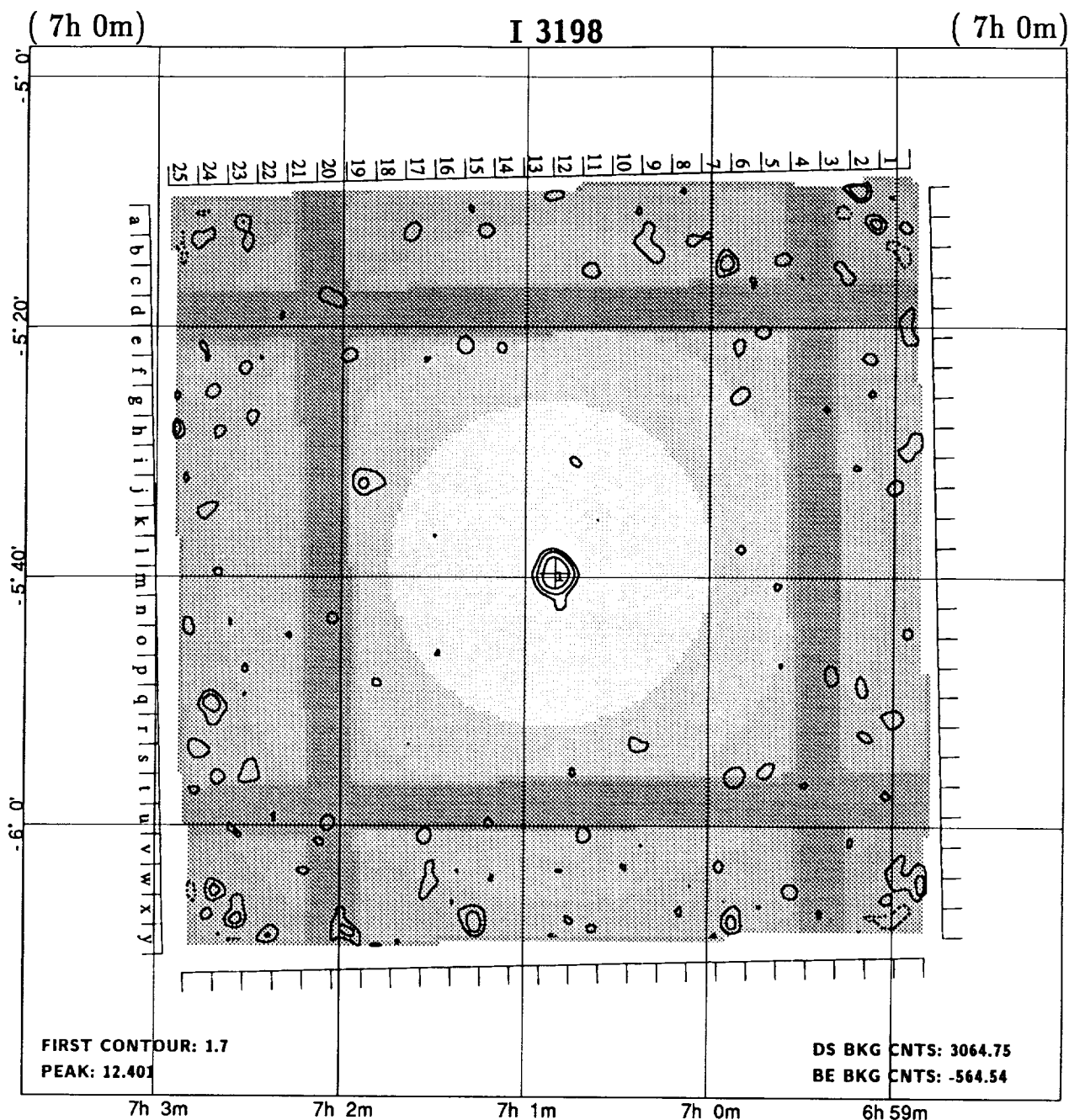
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1767	1	06 59 48.9	63 23 14	34	0.0528	0.0066	68.8	5.2	8.0	2.8	0	0.4	H	CLG
1769	2	07 00 47.6	63 38 09	48	0.0893	0.0097	88.8	4.2	9.2	1.2	0	16.8	H	SY

(7h 0m)

I 7129

(7h 0m)





RS CVN SYSTEMS: VV MON

FIELD CENTER: 07^h00^m53.5^s -05°39'35" (B1950)
07^h03^m20.8^s -05°44'04" (J2000)
ℓ: 219.39 b: 0.02

DATE: 1979/ 86 - 1979/ 86
LIVETIME: 2483.4s
ROLL ANGLE: 88.6°

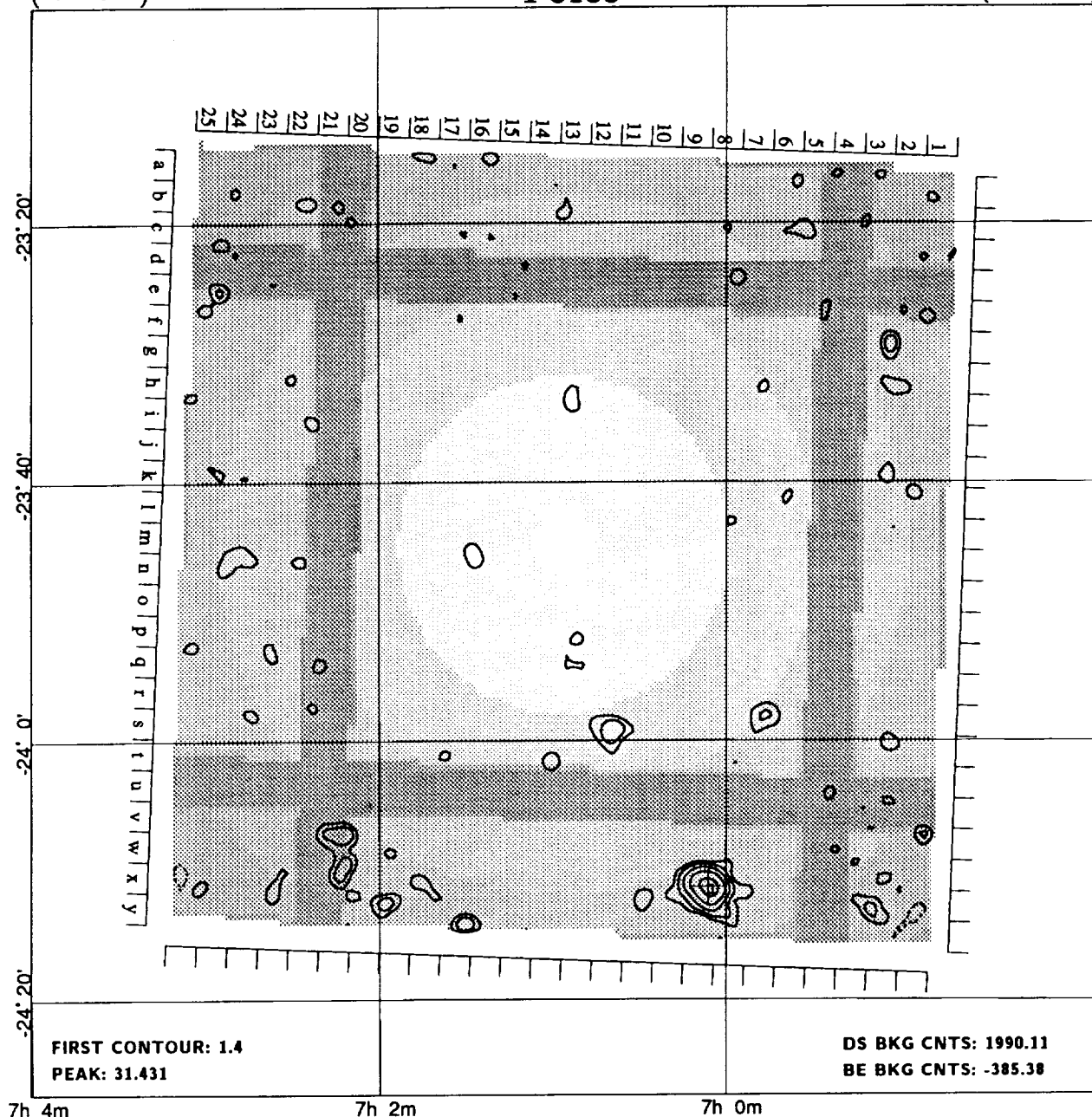
NH: 6.8E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1770	1	07 00 50.2	-05 39 42	34	0.0344	0.0045	63.7	5.3	7.7	1.0	0	0.7	AH	S

(7h 0m)

I 3133

(7h 0m)



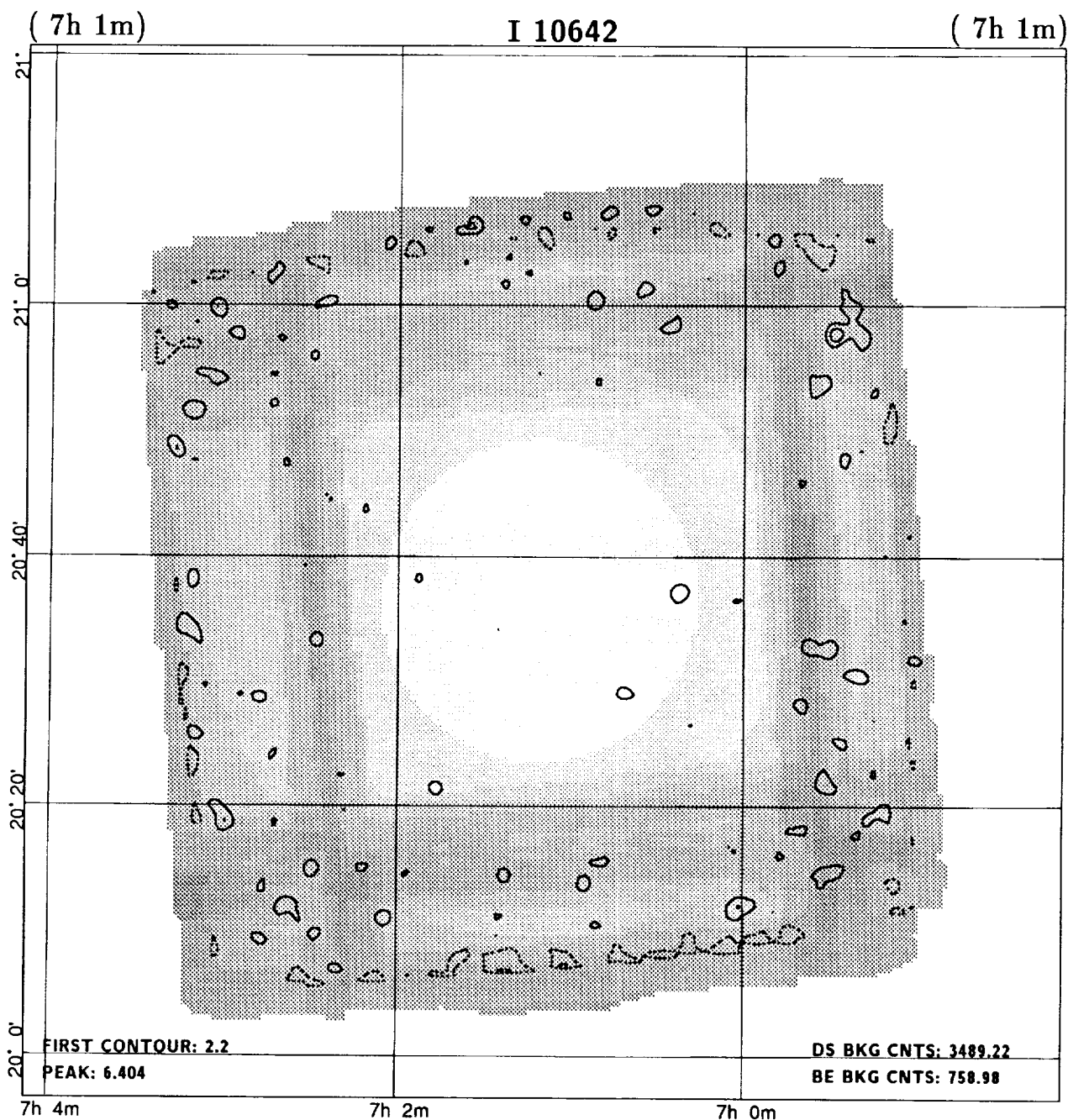
CORONAL EMISSION FROM OB SUPERGIANTS: OO CMA

FIELD CENTER: 07^h00^m55.9^s -23°45'28" (B1950)
07^h03^m01.2^s -23°49'56" (J2000)
 ℓ : 235.55 b : -8.23

DATE: 1979/ 85 - 1979/ 85
LIVETIME: 1612.6s
ROLL ANGLE: 92.2°

NH: 2.7E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1768	1	07 00 06.2	-24 11 20	50	0.105	0.014	62.7	2.3	7.8	1.2	0	28.1	H



SUBSTITUTE TARGET ZETA GEM, DELTA CEP STARS

FIELD CENTER: $07^h 01^m 09.0^s$ $20^\circ 38' 42''$ (B1950)
 $07^h 04^m 06.9^s$ $20^\circ 34' 12''$ (J2000)
 l : 195.75 b : 11.90

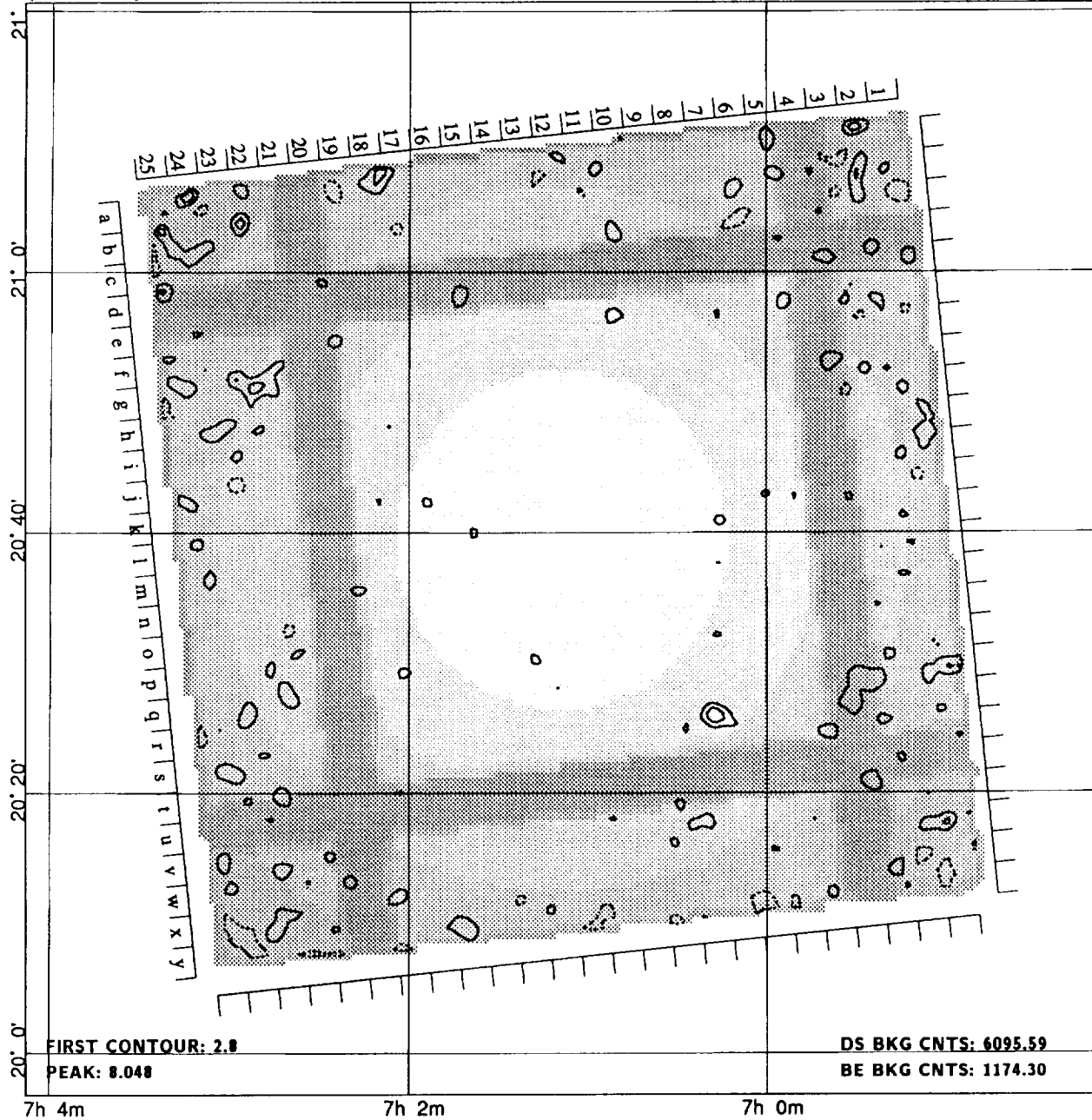
DATE: 1981/ 77 - 1981/ 77
 LIVETIME: 2827.4s

NH: $9.7E+20$
 REF/ID:
 FIELD FLAGS: CL

(7h 1m)

I 10643

(7h 1m)



SUBSTITUTE TARGET ZETA GEM, DELTA CEP STARS

FIELD CENTER: $07^h 01^m 09.0^s$ $20^\circ 38' 42''$ (B1950)
 $07^h 04^m 06.9^s$ $20^\circ 34' 12''$ (J2000)
 $l: 195.75$ $b: 11.90$

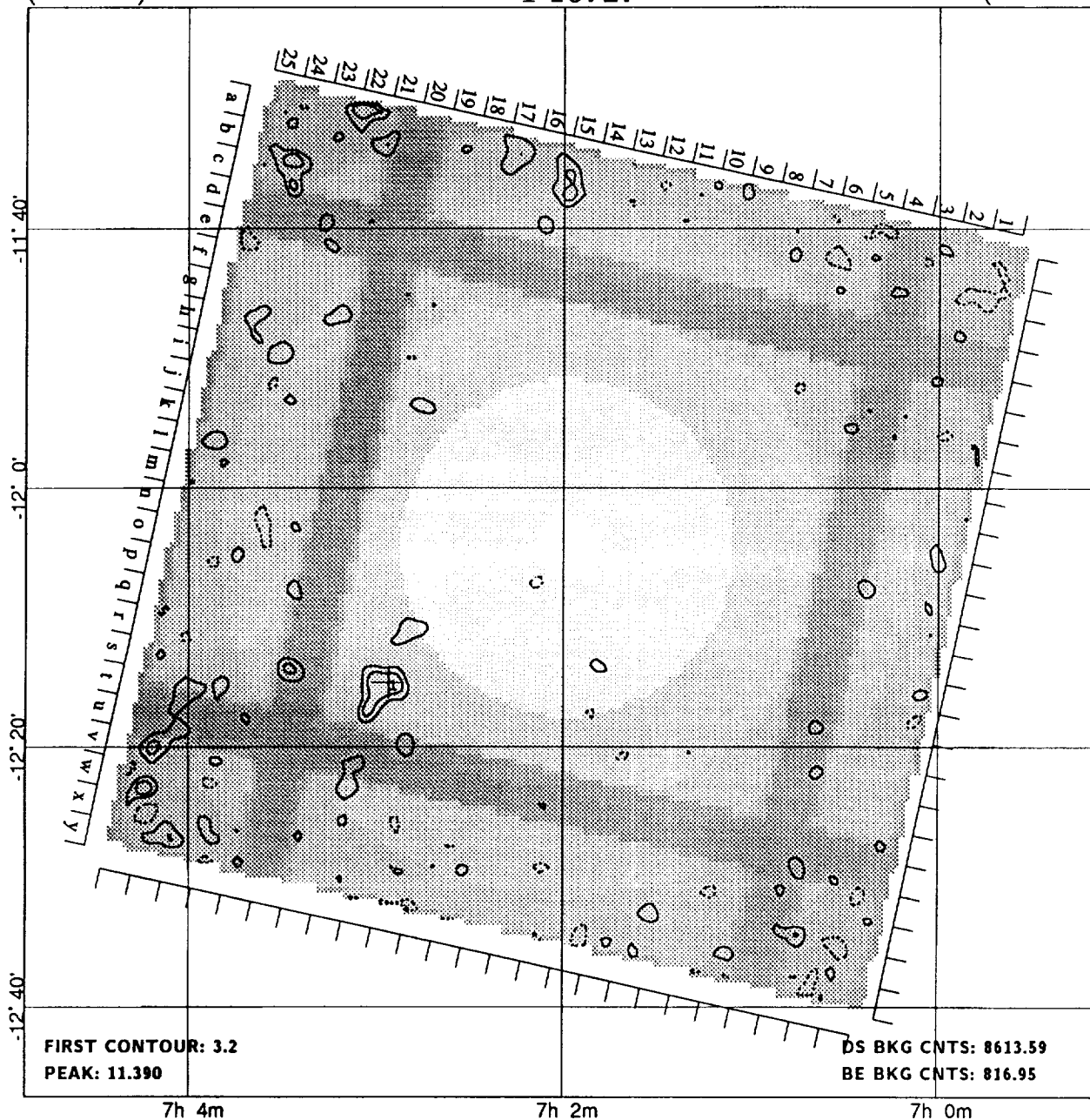
DATE: 1981/ 85 - 1981/ 86
 LIVETIME: 4939.4s
 ROLL ANGLE: 84.2°

NH: $9.7E+20$
 REF/ID:
 FIELD FLAGS: C

(7h 2m)

I 10727

(7h 2m)



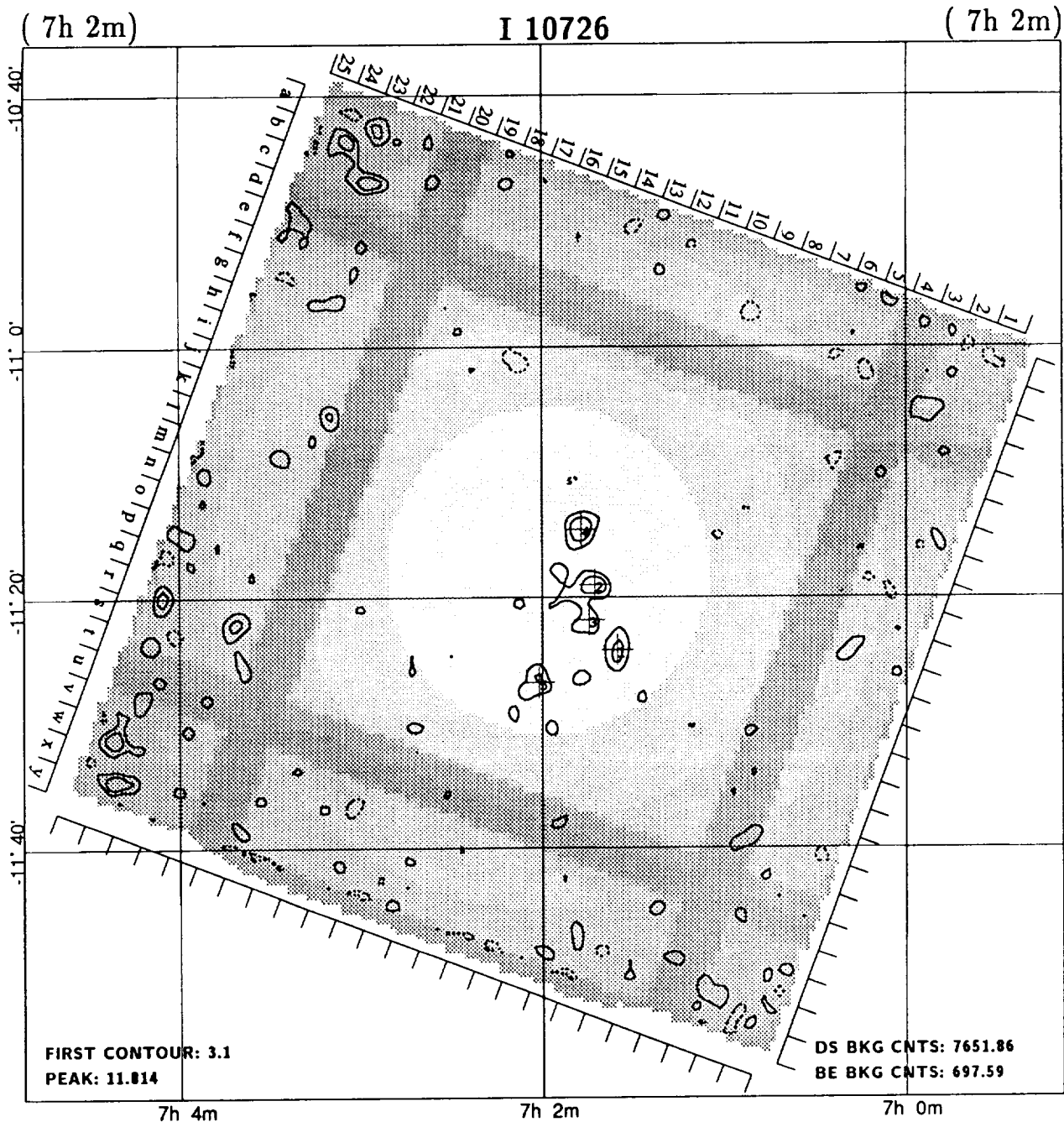
Canis Majoris: R1 ASSOCIATION

FIELD CENTER: $07^h 02^m 00.0^s$ $-12^\circ 04' 59''$ (B1950)
 $07^h 04^m 19.9^s$ $-12^\circ 09' 32''$ (J2000)
 $l: 225.22$ $b: -2.70$

DATE: 1981/114 - 1981/114
 LIVETIME: 6979.8s
 ROLL ANGLE: 102.2°

NH: $6.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1776	1	07 02 56.1	-12 14 59	51	0.0103	0.0019	39.6	15.4	5.3	1.4	0	17.9	H



Canis Majoris: R1 ASSOCIATION

FIELD CENTER: 07^h02^m00.0^s -11°17'59" (B1950)
07^h04^m20.8^s -11°22'32" (J2000)
ℓ: 224.52 b: -2.34

DATE: 1981/114 - 1981/114
LIVETIME: 6200.5s
ROLL ANGLE: 110.6°

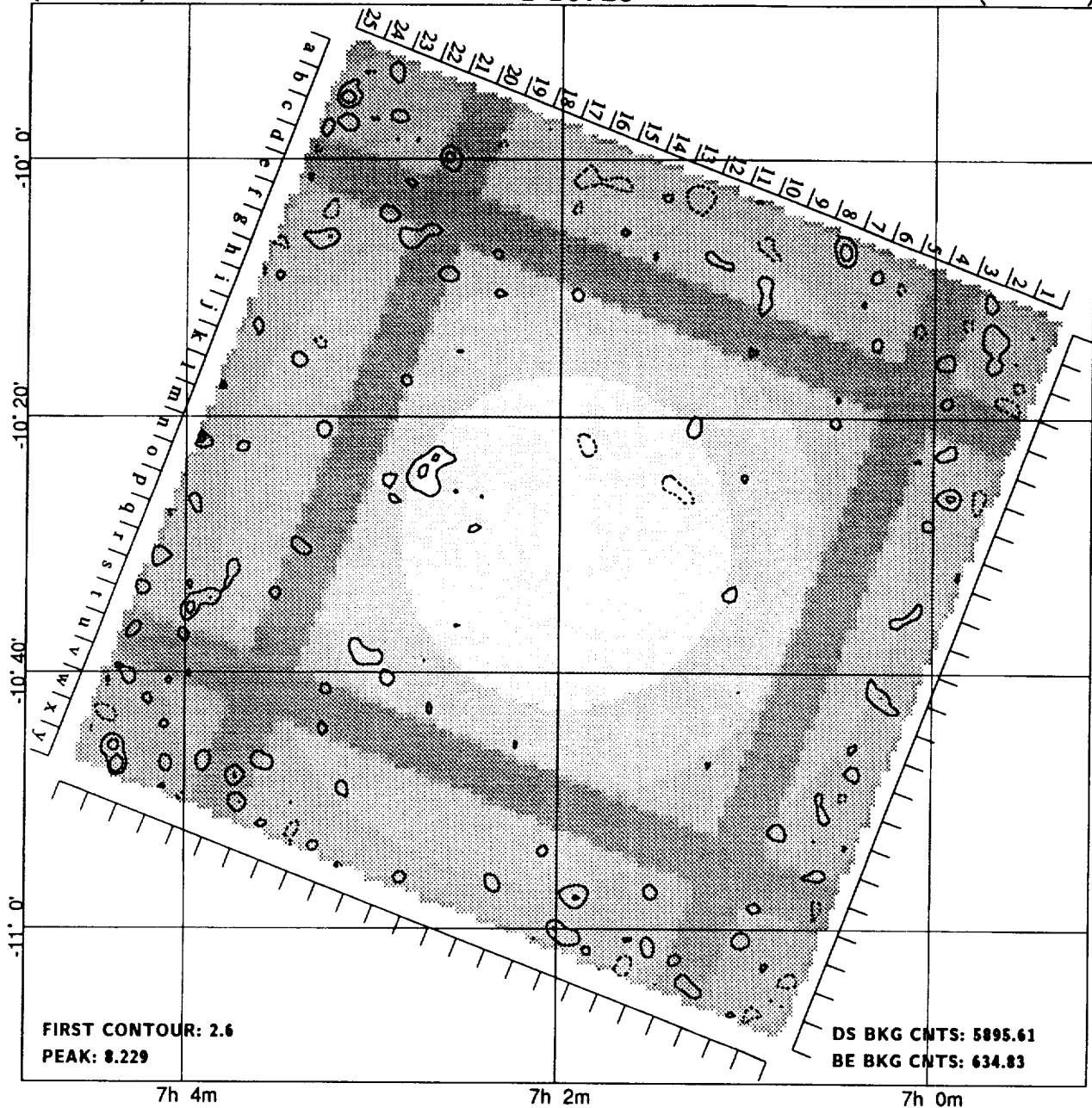
NH: 7.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1771	1	07 01 35.1	-11 24 11	43	0.0068	0.0017	28.7	20.3	4.1	0.7	0	8.7		
1772	2	07 01 42.6	-11 19 01	35	0.0080	0.0017	35.7	23.3	4.7	1.2	0	4.2		
1773	3	07 01 44.5	-11 21 48	46	0.0055	0.0015	24.3	21.7	3.6	2.0	0	5.3		
1774	4	07 01 47.1	-11 14 38	35	0.0102	0.0018	45.6	20.4	5.6	0.8	0	4.5	H	
1775	5	07 02 01.1	-11 26 44	46	0.0061	0.0016	25.6	19.4	3.8	0.7	0	9.0	H	

(7h 2m)

I 10725

(7h 2m)



Canis Majoris: R1 ASSOCIATION

FIELD CENTER: $07^h 02^m 00.0^s$ $-10^\circ 29' 59''$ (B1950)
 $07^h 04^m 21.8^s$ $-10^\circ 34' 32''$ (J2000)
 l : 223.81 b : -1.97

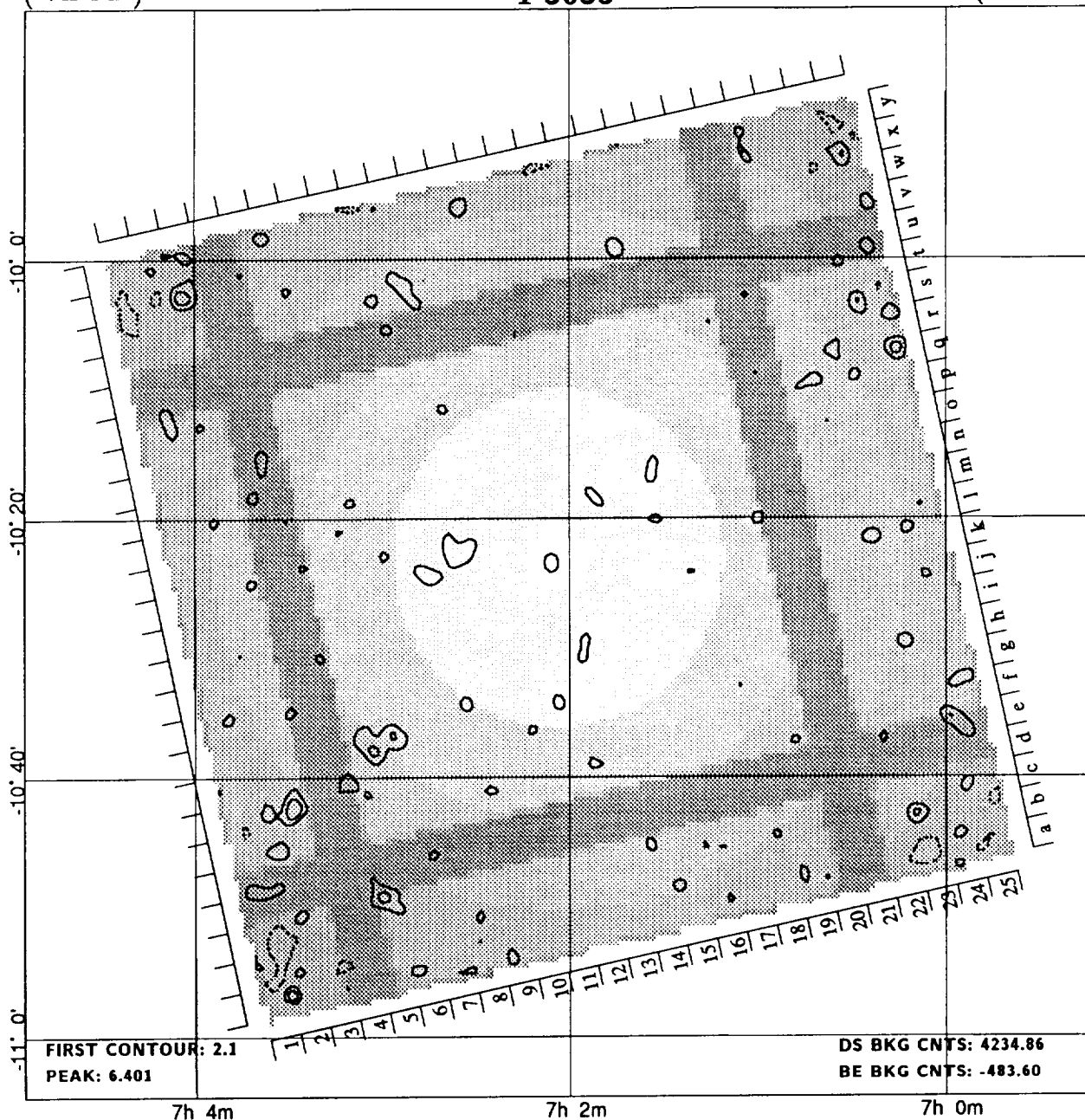
DATE: 1981/114 - 1981/114
LIVETIME: 4777.4s
ROLL ANGLE: 111.1°

NH: $7.6E+21$
REF/ID:
FIELD FLAGS:

(7h 2m)

I 5035

(7h 2m)



HD 53367, AE/BE STARS

FIELD CENTER: $07^h 02^m 03.6^s$ $-10^\circ 22' 43''$ (B1950)
 $07^h 04^m 25.5^s$ $-10^\circ 27' 16''$ (J2000)
 $l: 223.71$ $b: -1.90$

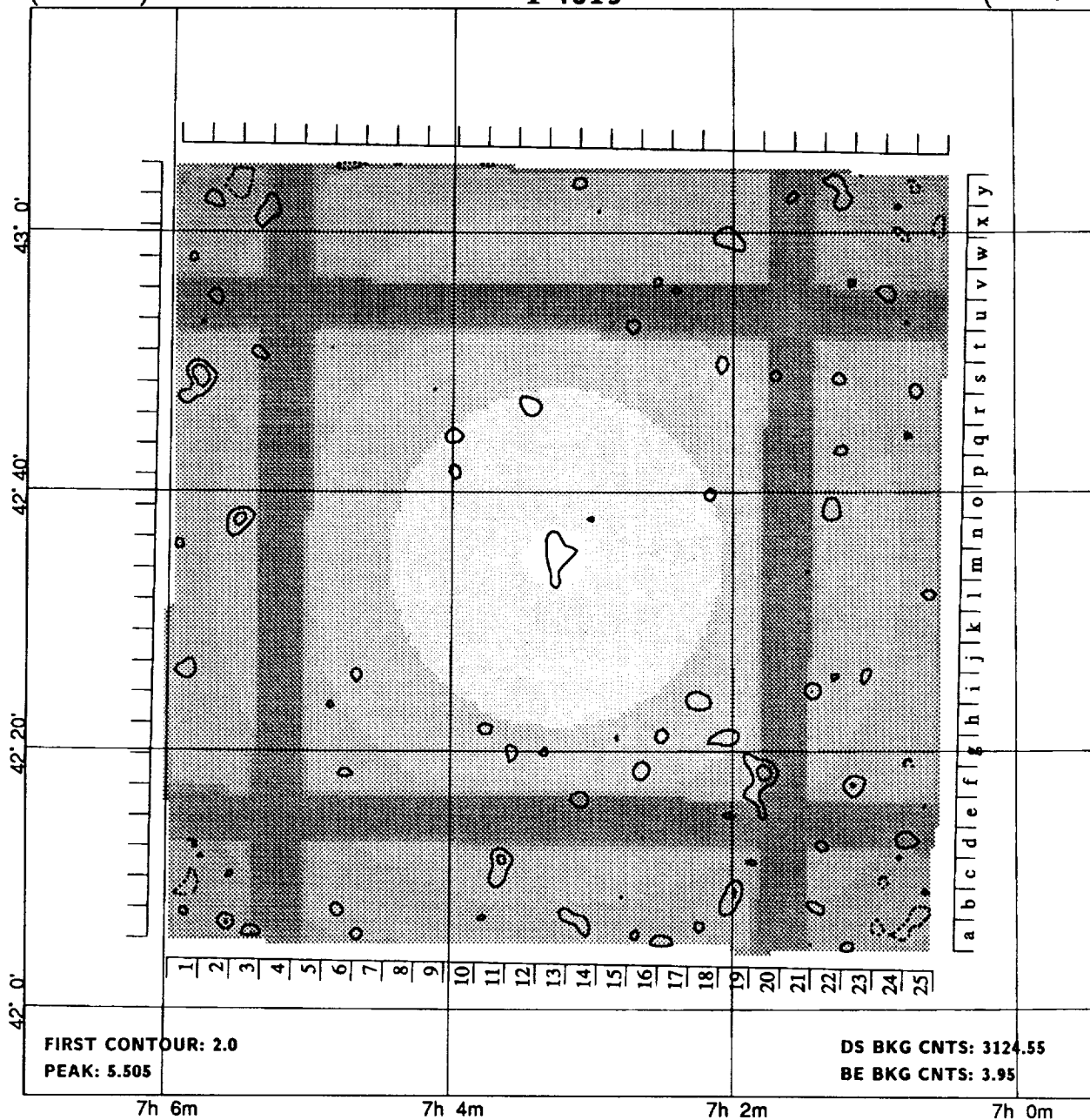
DATE: 1979/294 - 1979/294
 LIVETIME: 3431.6s
 ROLL ANGLE: -102.3°

NH: $7.5E+21$
 REF/ID:
 FIELD FLAGS:

(7h 3m)

I 4619

(7h 3m)



FIELD CENTER: $07^h 03^m 12.0^s$ $42^\circ 35' 17''$ (B1950)
 $07^h 06^m 44.6^s$ $42^\circ 30' 37''$ (J2000)
 $l: 174.72$ $b: 20.60$

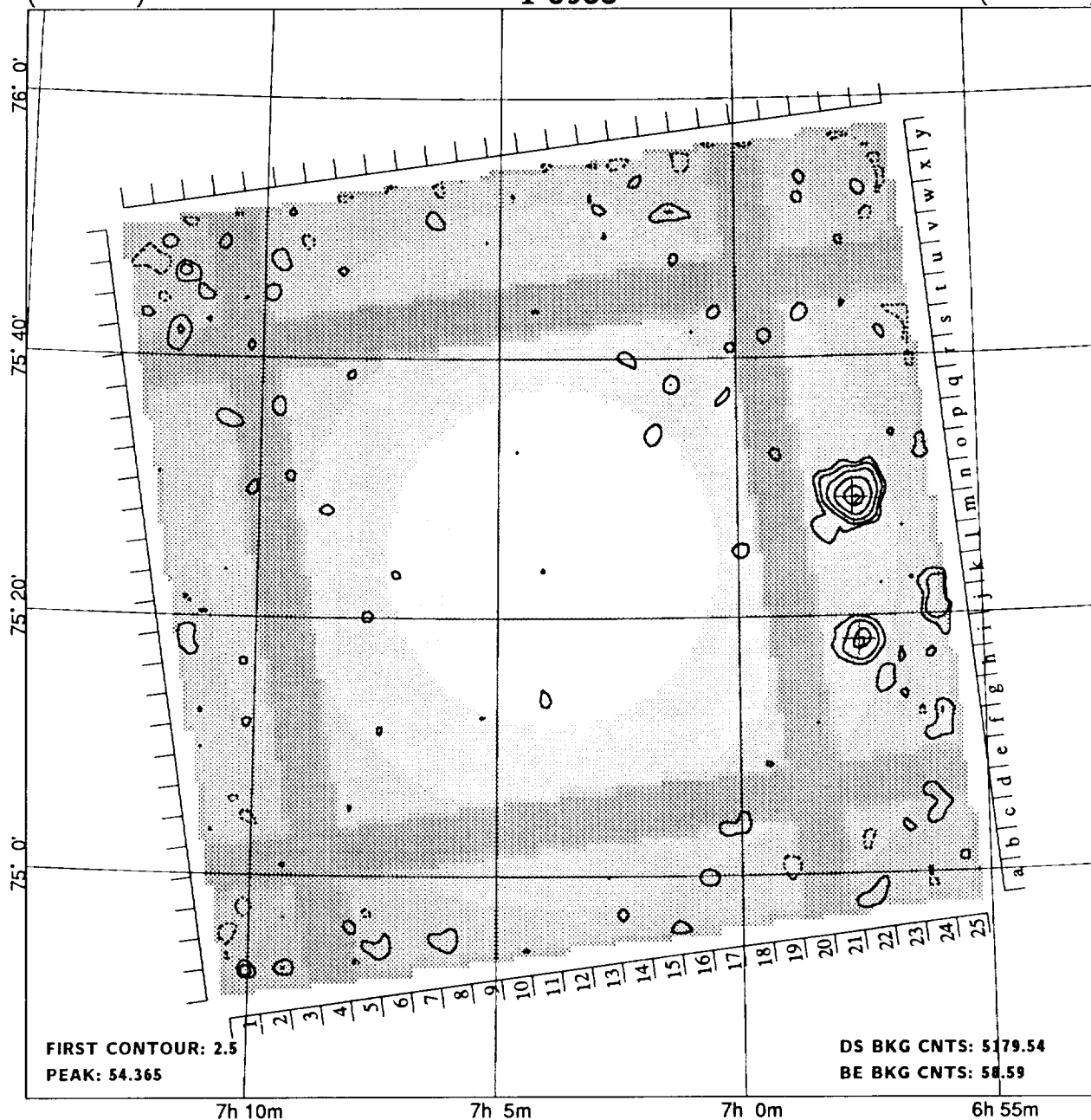
DATE: 1979/281 - 1979/281
 LIVETIME: 2531.9s
 ROLL ANGLE: -89.2°

NH: $8.6E+20$
 REF/ID: G
 FIELD FLAGS:

(7h 3m)

I 8955

(7h 3m)



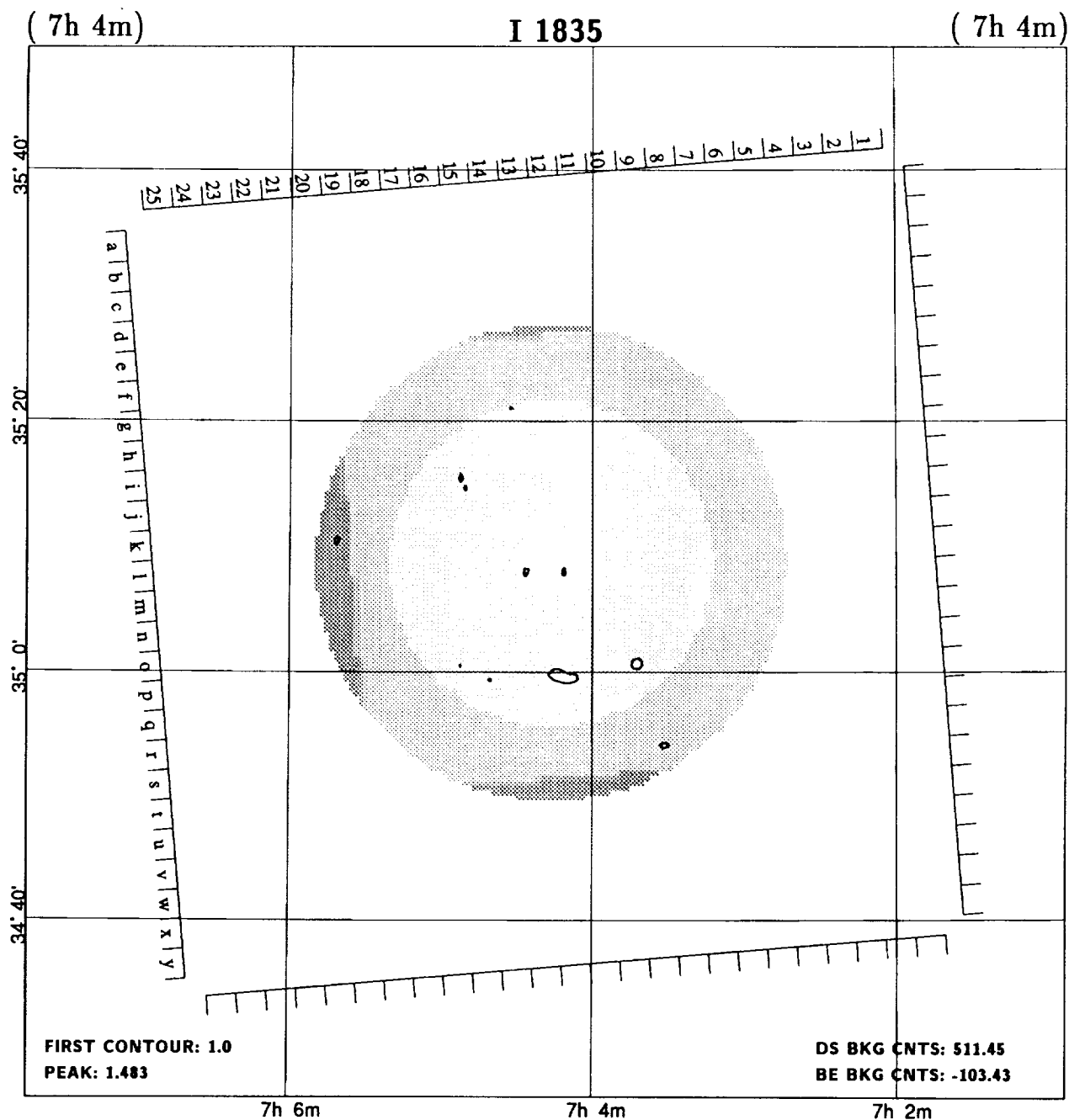
N 2314, ELLIPTICAL GALAXIES W/LARGE VELOCITY DISPERSIONS

FIELD CENTER: $07^h 03^m 42.0^s$ $75^\circ 24' 59''$ (B1950)
 $07^h 10^m 20.9^s$ $75^\circ 20' 10''$ (J2000)
 $l: 139.44$ $b: 27.37$

DATE: 1980/271 - 1980/271
 LIVETIME: 4197.1s
 ROLL ANGLE: -97.6°

NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1760	1	06 57 32.3	75 18 11	51	0.0187	0.0036	34.0	8.0	5.2	1.2	0	24.4	H
1761	2	06 57 37.2	75 29 04	48	0.0731	0.0064	137.4	8.6	11.4	1.3	0	23.2	H



A568: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $07^h 04^m 18.0^s$ $35^\circ 07' 59''$ (B1950)
 $07^h 07^m 36.7^s$ $35^\circ 03' 15''$ (J2000)
 $l: 182.23$ $b: 18.26$

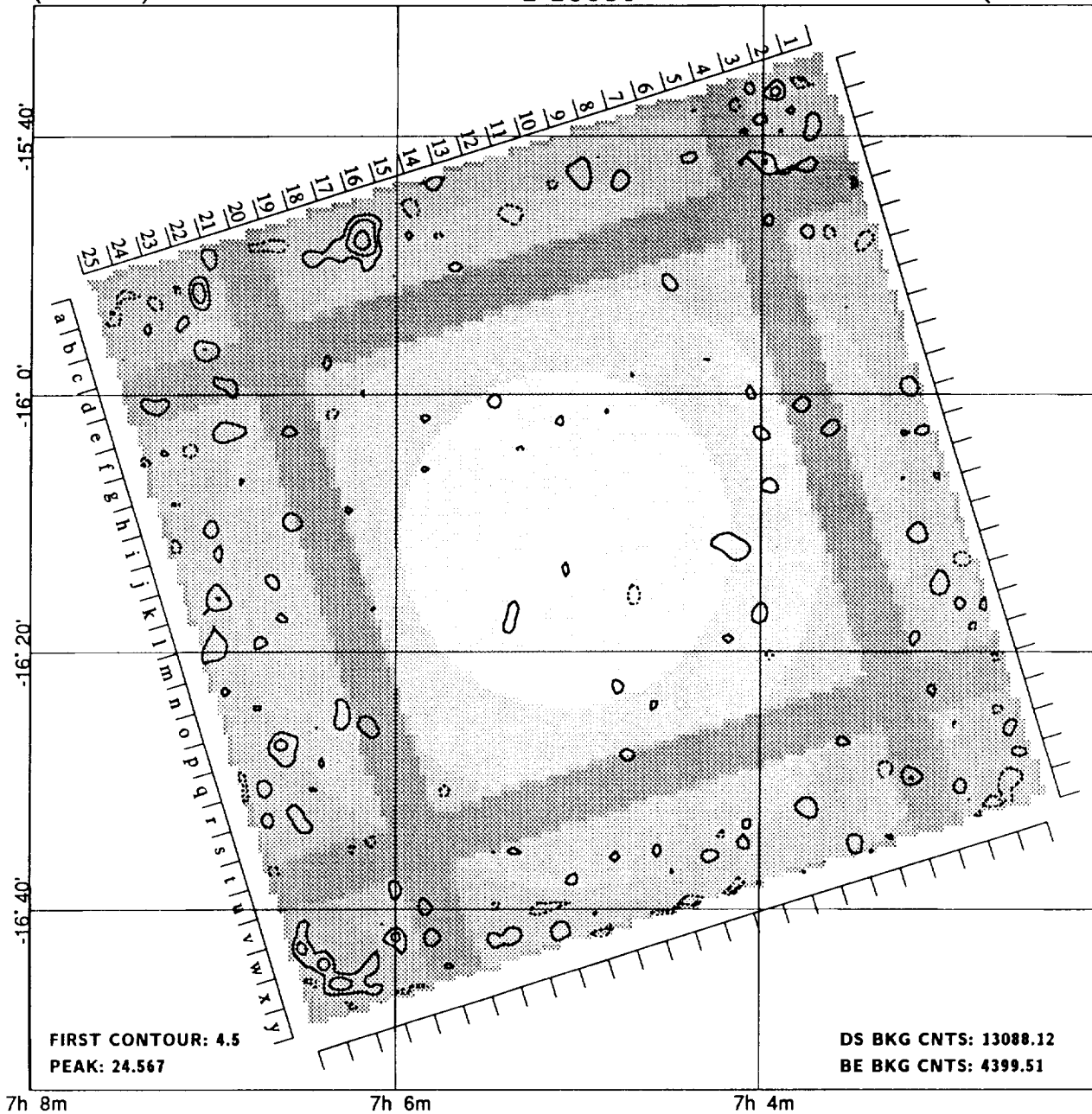
DATE: 1979/102 - 1979/102
LIVETIME: 414.4s
ROLL ANGLE: 85.2°

NH: $7.5E+20$
REF/ID:
FIELD FLAGS:

(7h 5m)

I 10686

(7h 5m)



7h 8m

7h 6m

7h 4m

K CMa: Algol-like Star

FIELD CENTER: $07^h 05^m 05.0^s$ $-16^\circ 11' 59''$ (B1950)
 $07^h 07^m 20.1^s$ $-16^\circ 16' 45''$ (J2000)
 $l: 229.22$ $b: -3.93$

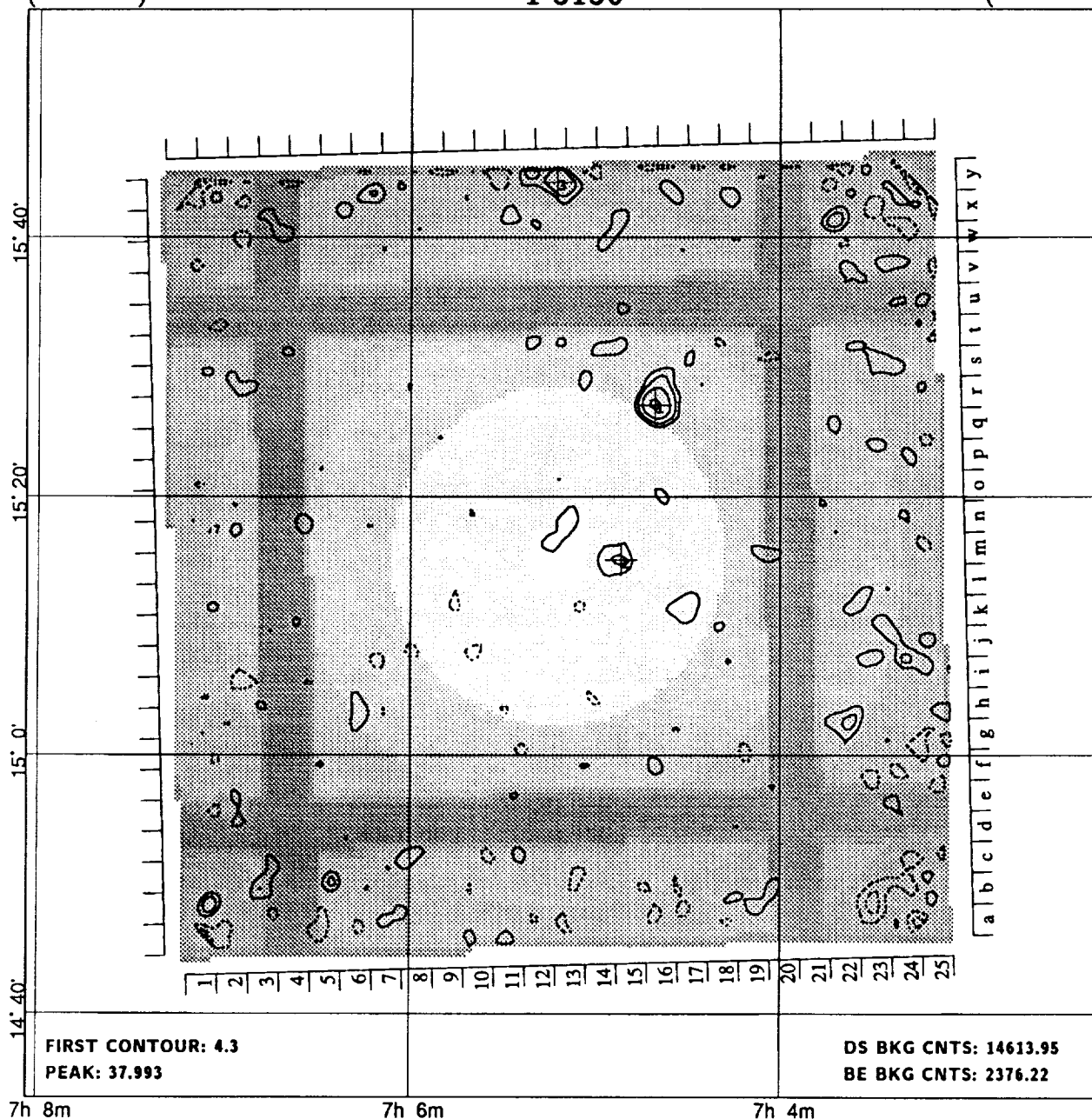
DATE: 1981/ 99 - 1981/ 99
LIVETIME: 10605.7s
ROLL ANGLE: 72.8°

NH: $5.4E+21$
REF/ID:
FIELD FLAGS: L

(7h 5m)

I 5156

(7h 5m)



GALAXY UGC 3691

FIELD CENTER: $07^h 05^m 09.6^s$ $15^\circ 15' 32''$ (B1950)
 $07^h 08^m 00.7^s$ $15^\circ 10' 45''$ (J2000)
 l : 201.12 b : 10.45

DATE: 1979/295 - 1979/295

NH: $9.9E+20$

LIVETIME: 11842.1s

REF/ID:

ROLL ANGLE: -91.5°

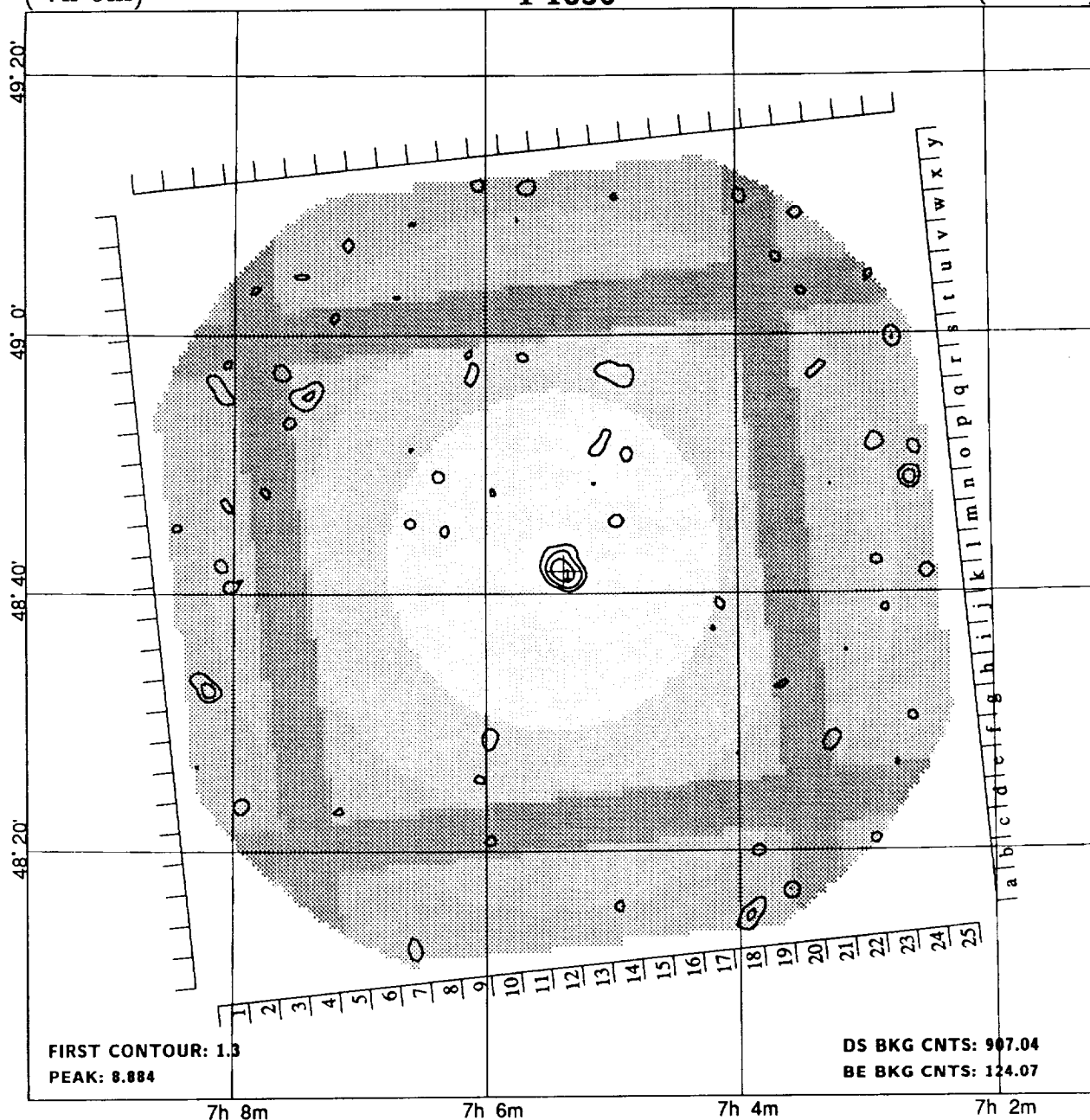
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1777	1	07 04 40.6	15 27 02	38	0.0167	0.0017	120.4	34.6	9.7	1.0	0	13.7	H
1778	2	07 04 51.6	15 15 09	35	0.0049	0.0011	41.9	48.1	4.4	0.9	0	4.4	
1779	3	07 05 12.5	15 44 16	52	*0.0110	0.0023	41.6	31.4	4.9	1.1	703	28.7	EH

(7h 5m)

I 1836

(7h 5m)



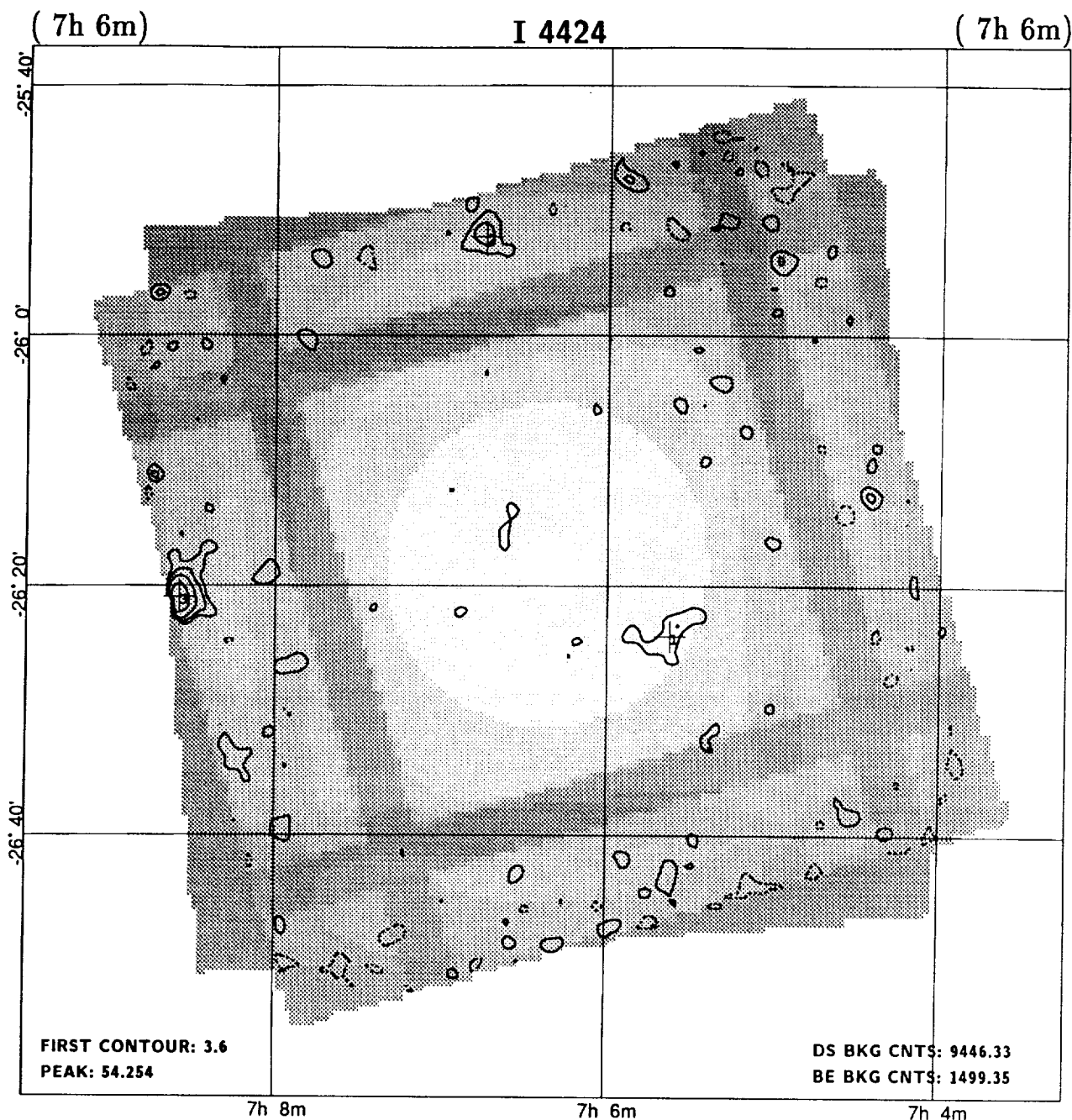
A569: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $07^h 05^m 24.0^s$ $48^\circ 42' 59''$ (B1950)
 $07^h 09^m 10.5^s$ $48^\circ 38' 09''$ (J2000)
 $l: 168.56$ $b: 22.81$

DATE: 1979/282 - 1979/282
 LIVETIME: 735.0s
 ROLL ANGLE: -95.8°

NH: $8.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1780	1	07 05 23.0	48 41 43	35	0.057	0.011	31.1	2.9	5.3	1.0	0	1.2	H	CLG



STELLAR SURVEY: DELTA CMA

FIELD CENTER: $07^h 06^m 22.0^s$ $-26^\circ 18' 59''$ (B1950)
 $07^h 08^m 24.0^s$ $-26^\circ 23' 50''$ (J2000)
 $l: 238.42$ $b: -8.27$

DATE: 1979/282 - 1980/112
 LIVETIME: 7654.6s

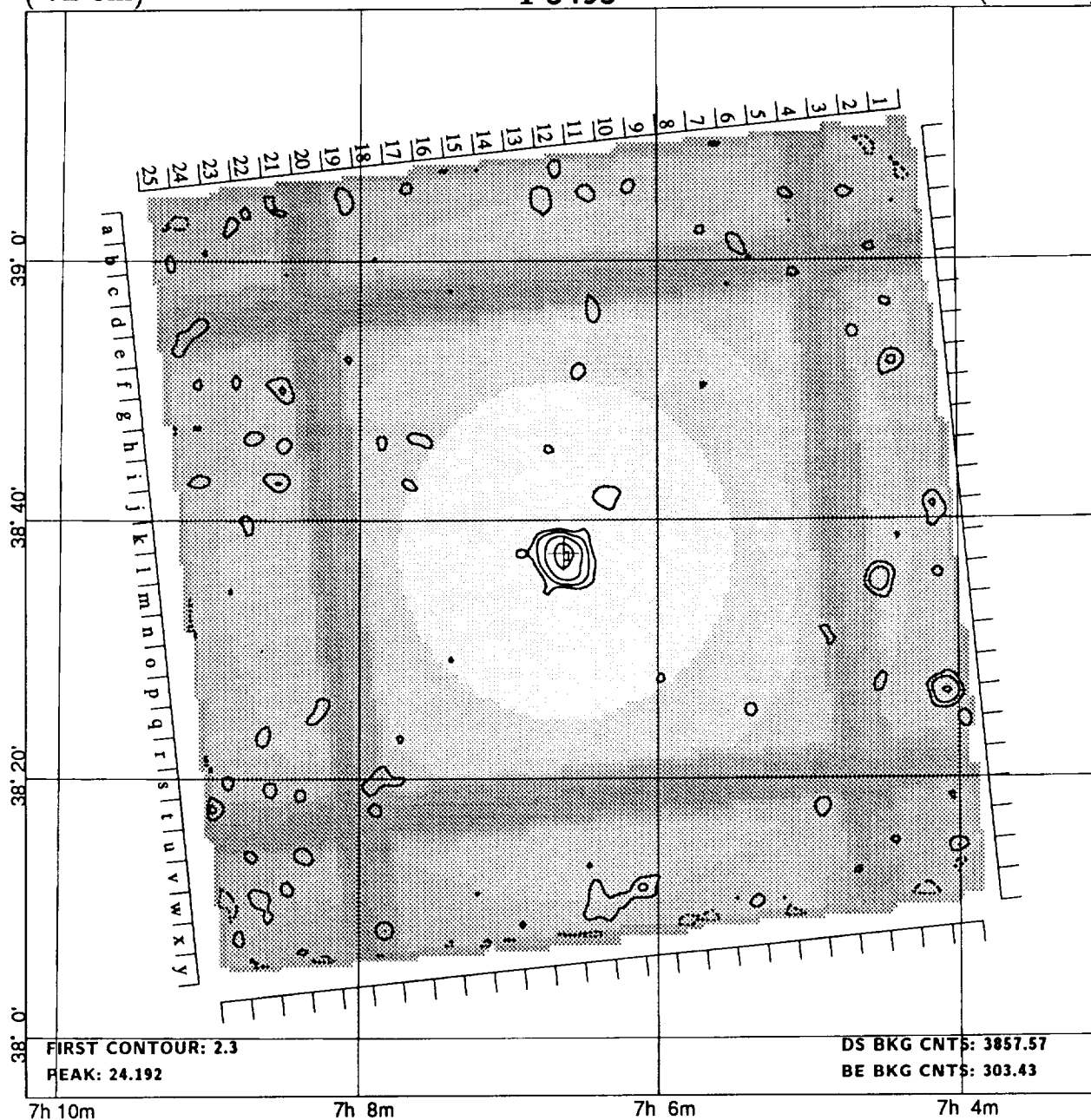
NH: $2.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1781	1	07 05 37.3	-26 24 00	47	0.0054	0.0014	26.7	24.3	3.7	1.8	0	10.9		
1783	2	07 06 44.6	-25 52 07	57	0.0077	0.0021	23.8	17.2	3.7	1.1	0	27.3	H	
1786	3	07 08 34.4	-26 20 53	48	*0.0465	0.0049	103.8	14.2	9.6	1.2	804	29.8	EH	

(7h 6m)

I 5493

(7h 6m)



FIELD CENTER: 07^h06^m39.0^s 38°37'29" (B1950)
07^h10^m03.7^s 38°32'35" (J2000)
ℓ: 178.94 b: 19.92

DATE: 1980/ 98 - 1980/ 98
LIVETIME: 3238.2s
ROLL ANGLE: 84.2°

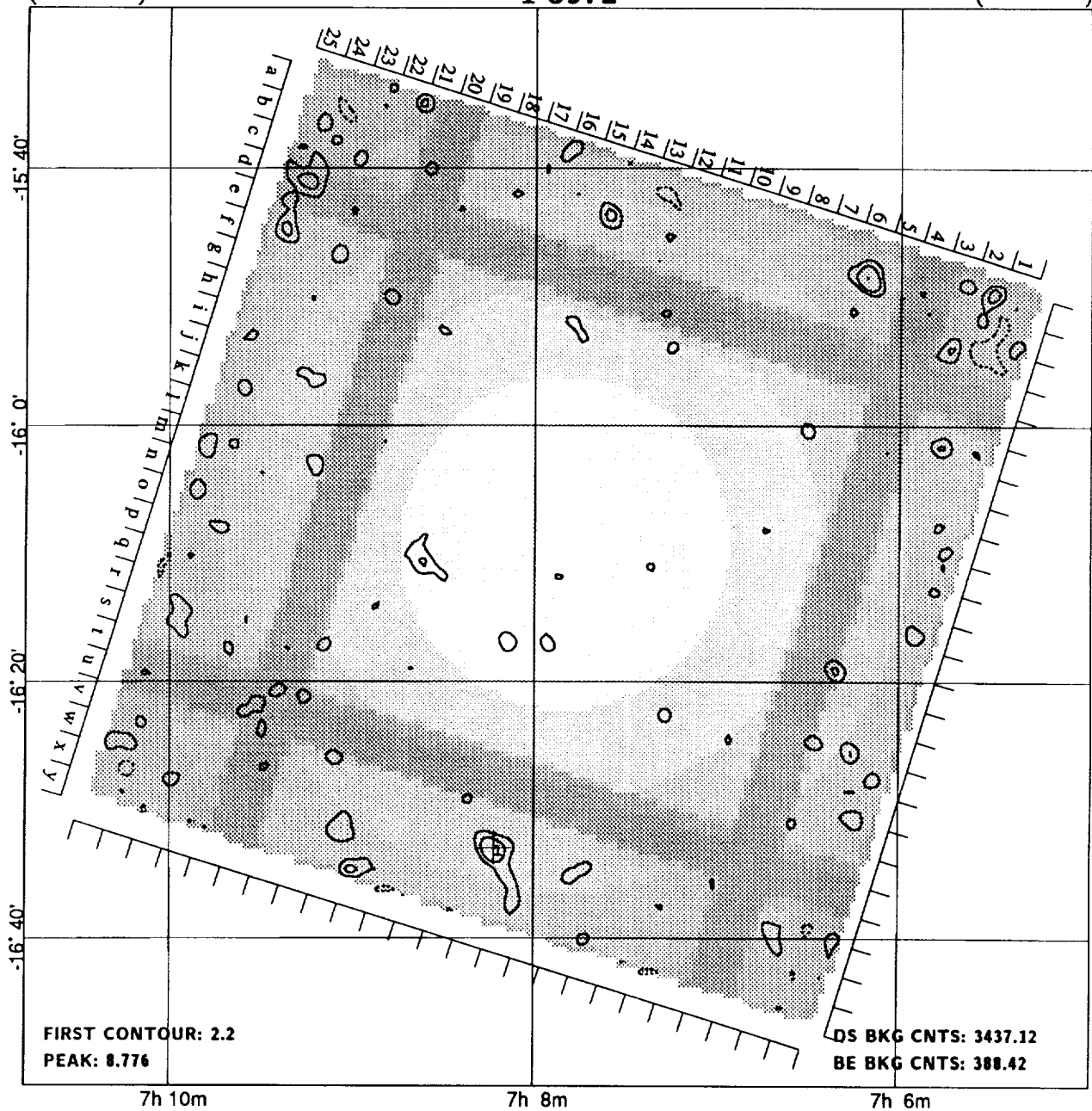
NH: 7.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1782	1	07 06 37.8	38 37 27	31	0.0408	0.0043	98.7	10.3	9.4	1.4	0	0.2	H

(7h 7m)

I 5972

(7h 7m)



FIELD CENTER: $07^h 07^m 52.0^s$ $-16^\circ 09' 30''$ (B1950)
 $07^h 10^m 07.2^s$ $-16^\circ 14' 27''$ (J2000)
 $l: 229.49$ $b: -3.32$

DATE: 1981/111 - 1981/112
 LIVETIME: 2785.2s
 ROLL ANGLE: 107.2°

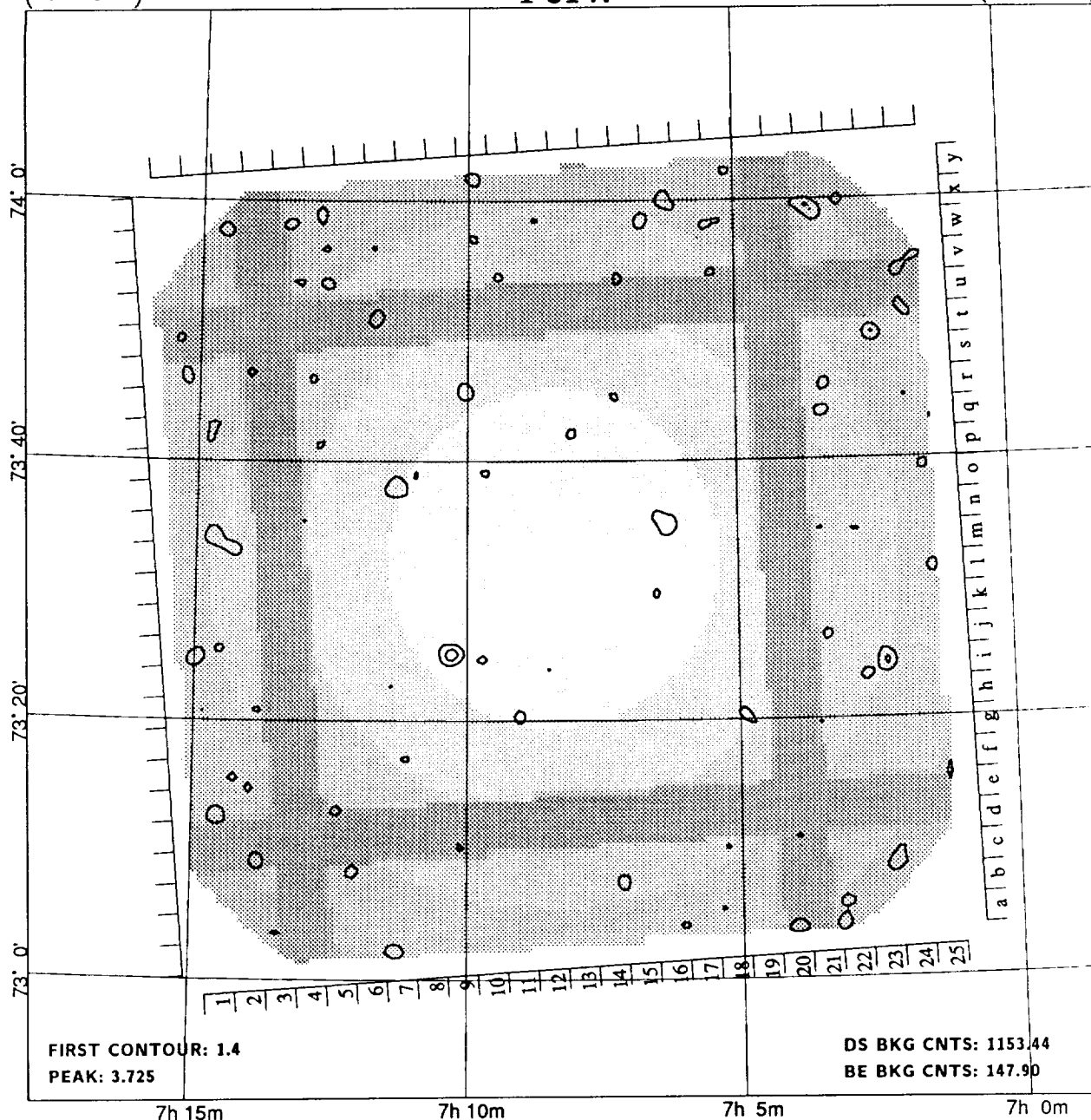
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1784	1	07 08 13.1	-16 32 56	55	0.0149	0.0040	18.3	5.7	3.7	1.2	0	23.6	AH

(7h 8m)

I 3147

(7h 8m)



ARP 141: RING GALAXIES SURVEY

FIELD CENTER: $07^h 08^m 15.1^s$ $73^\circ 32' 58''$ (B1950)
 $07^h 14^m 23.6^s$ $73^\circ 27' 51''$ (J2000)
 $l: 141.56$ $b: 27.55$

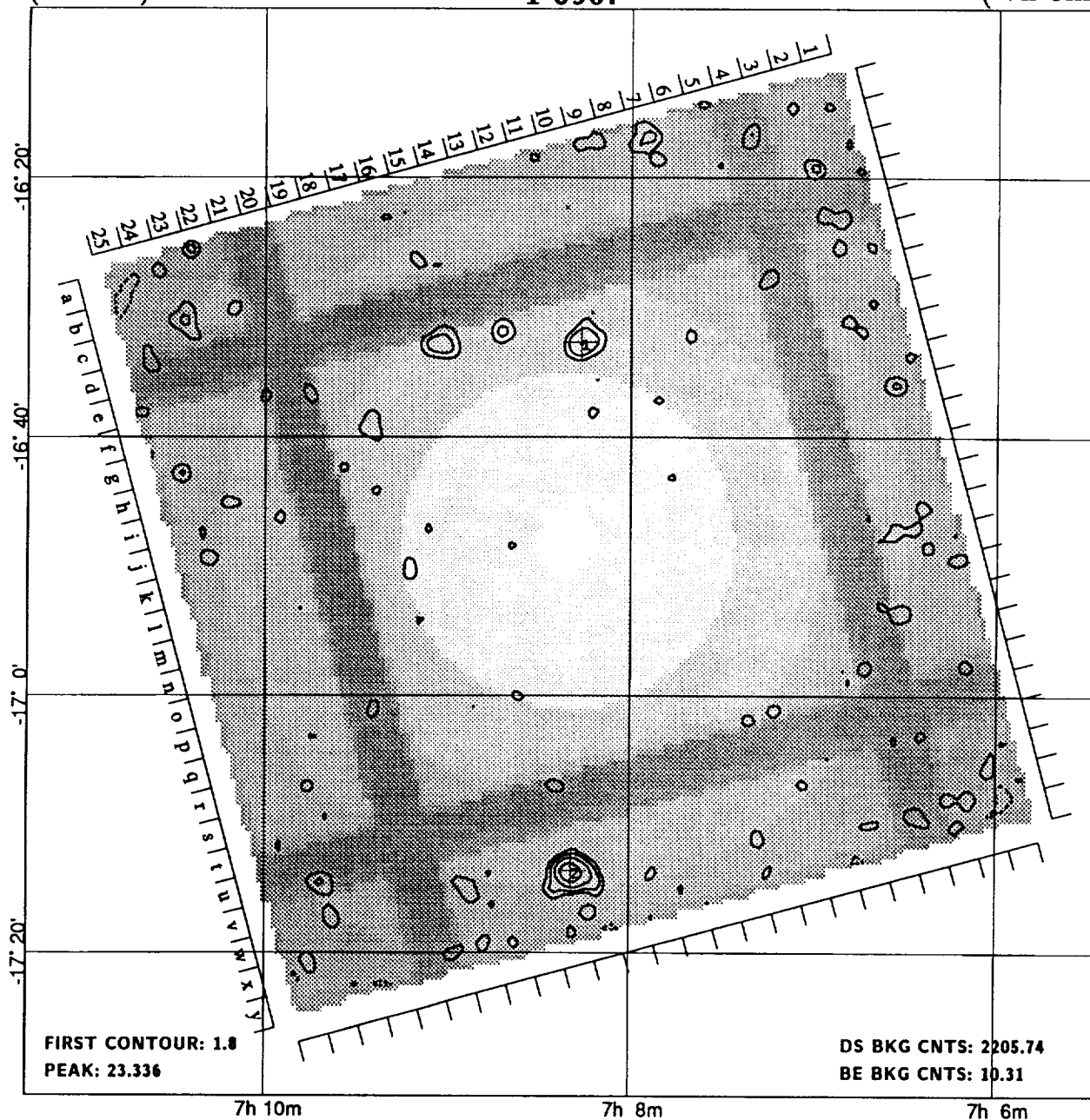
DATE: 1979/279 - 1979/279
 LIVETIME: 934.7s
 ROLL ANGLE: -93.6°

NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS:

(7h 8m)

I 6907

(7h 8m)



4U 0708-16, GALACTIC SOURCE LOCATIONS & SPECTRA I

FIELD CENTER: $07^{\text{h}}08^{\text{m}}22.0^{\text{s}}$ $-16^{\circ}48'59''$ (B1950)
 $07^{\text{h}}10^{\text{m}}36.4^{\text{s}}$ $-16^{\circ}53'59''$ (J2000)
 l : 230.13 b : -3.52

DATE: 1980/112 - 1980/112
 LIVETIME: 1851.6s
 ROLL ANGLE: 74.9°

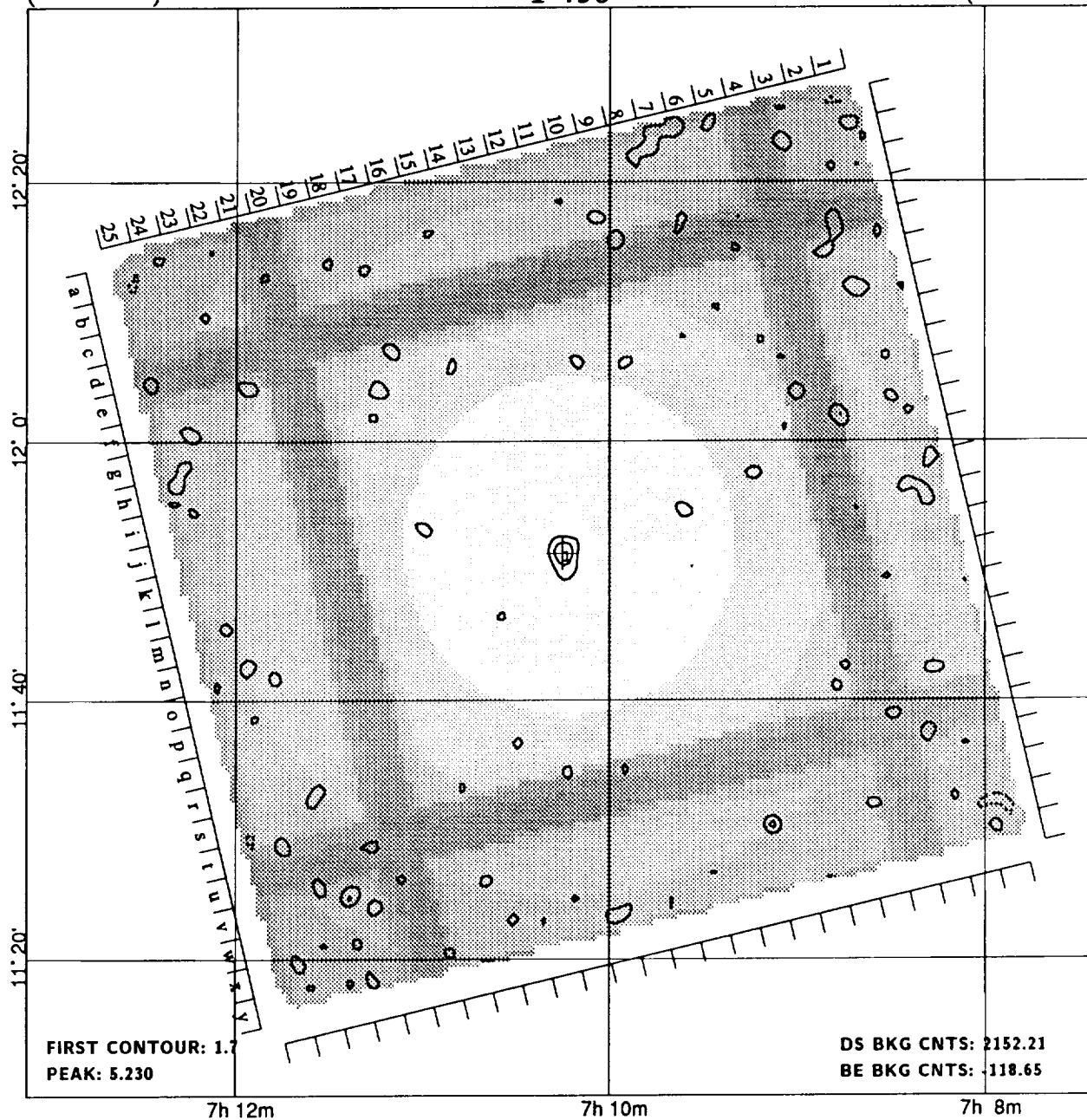
NH: $6.2\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1784	1	07 08 16.4	-16 32 35	51	0.0213	0.0049	23.1	4.9	4.4	0.9	0	16.7	AH
1785	2	07 08 19.3	-17 13 34	50	0.0565	0.0088	44.2	3.8	6.4	1.1	0	24.4	H S

(7h 10m)

I 490

(7h 10m)



3CR 175 (QSO 0710+118) QUASAR SURVEY

FIELD CENTER: 07^h10^m15.4^s 11°51'23" (B1950)
 07^h13^m02.4^s 11°46'15" (J2000)
 ℓ : 204.78 b : 10.08

DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 1744.0s
 ROLL ANGLE: 76.7°

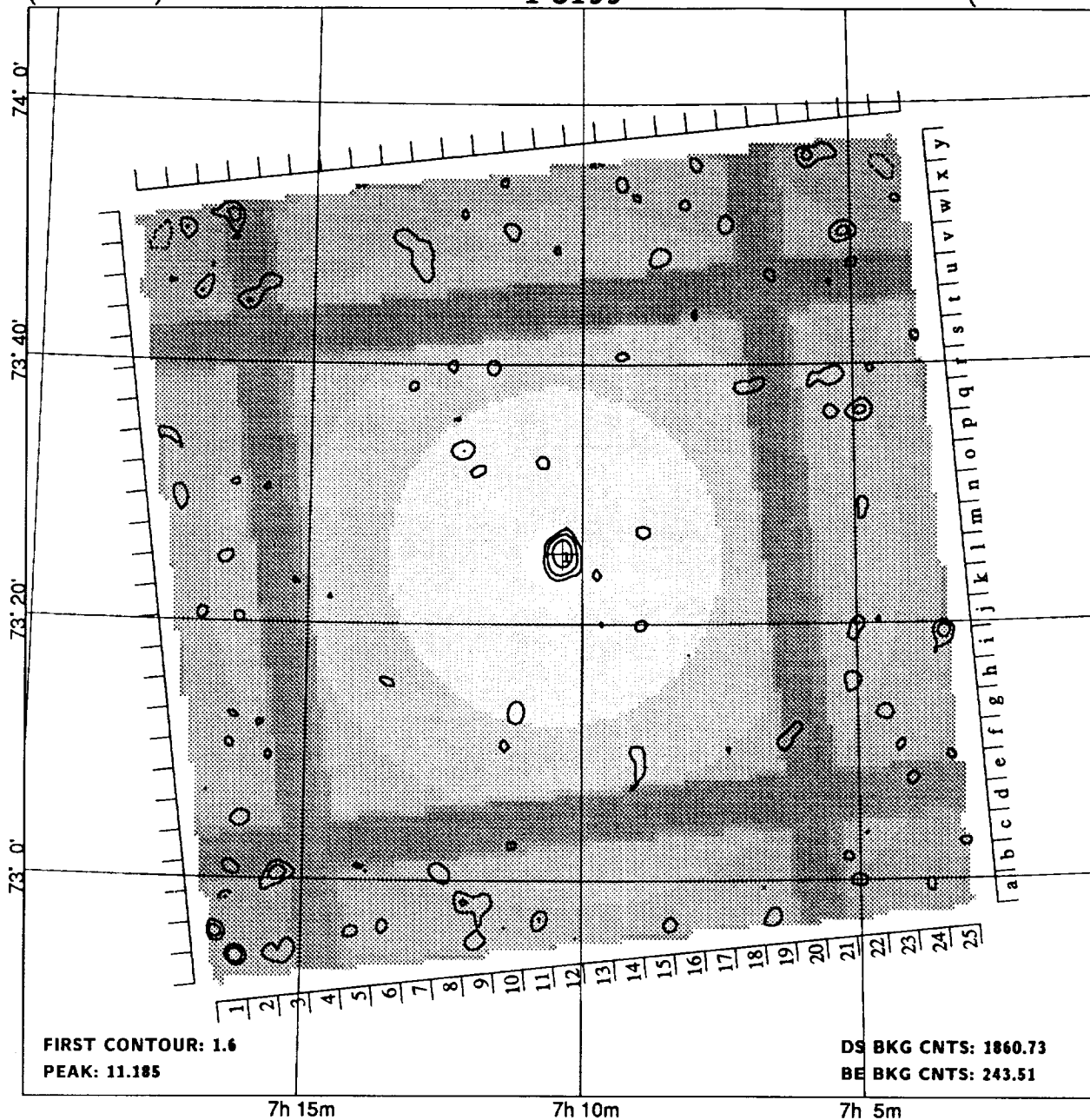
NH: 1.1E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1790	1	07 10 15.1	11 51 23	37	0.0153	0.0038	19.9	5.1	4.0	0.8	0	0.2	H	Q

(7h 10m)

I 3199

(7h 10m)



RS CVN SYSTEMS: SS CAM

FIELD CENTER: $07^h 10^m 20.5^s$ $73^\circ 25' 29''$ (B1950)
 $07^h 16^m 26.6^s$ $73^\circ 20' 14''$ (J2000)
 $l: 141.71$ $b: 27.69$

DATE: 1979/201 - 1979/201

NH: $3.7E+20$

LIVETIME: 1507.8s

REF/ID:

ROLL ANGLE: -95.9°

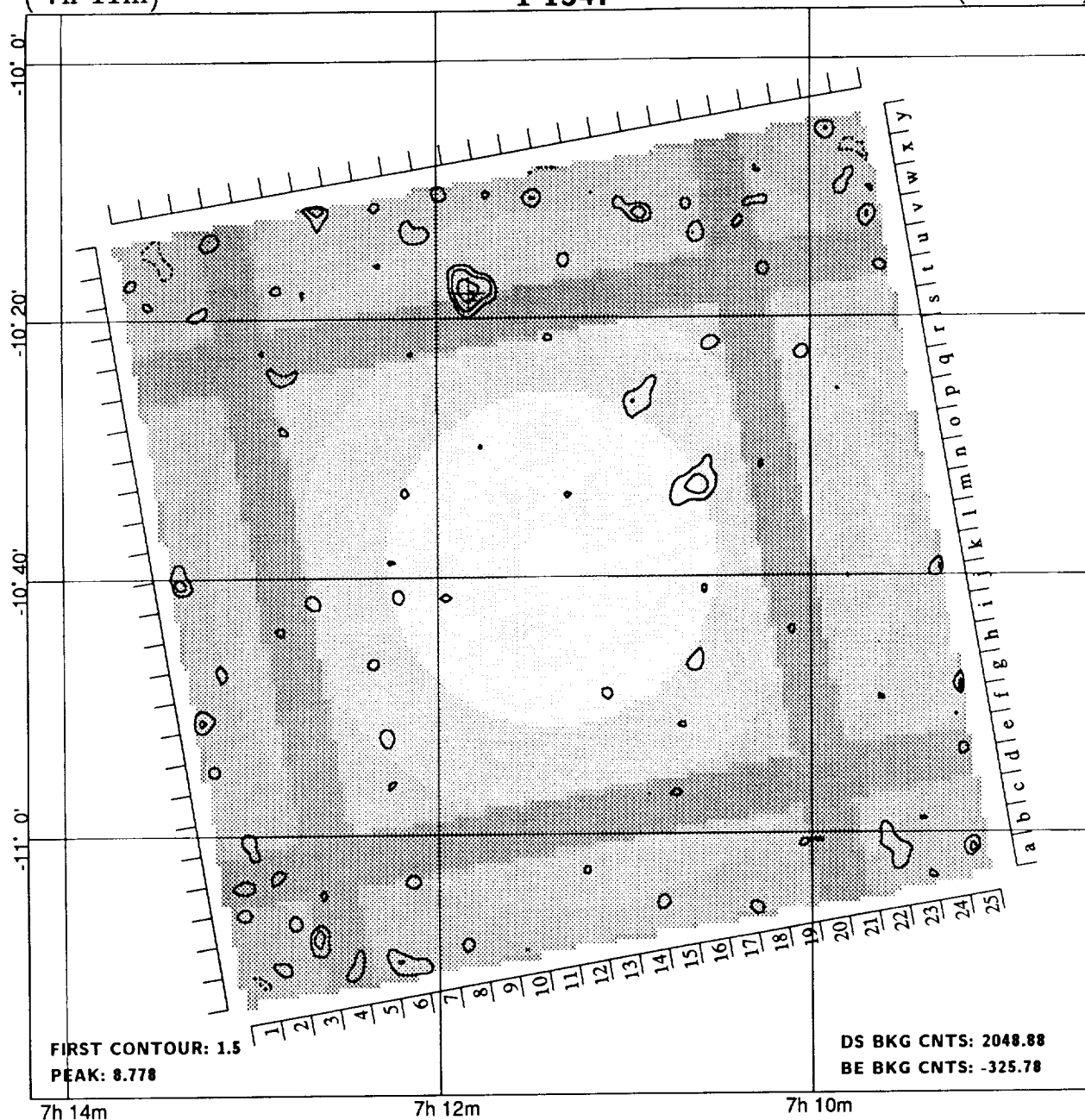
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1791	1	07 10 22.2	73 25 25	35	0.0370	0.0061	41.6	5.4	6.1	0.9	0	0.2	H	CV

(7h 11m)

I 1347

(7h 11m)

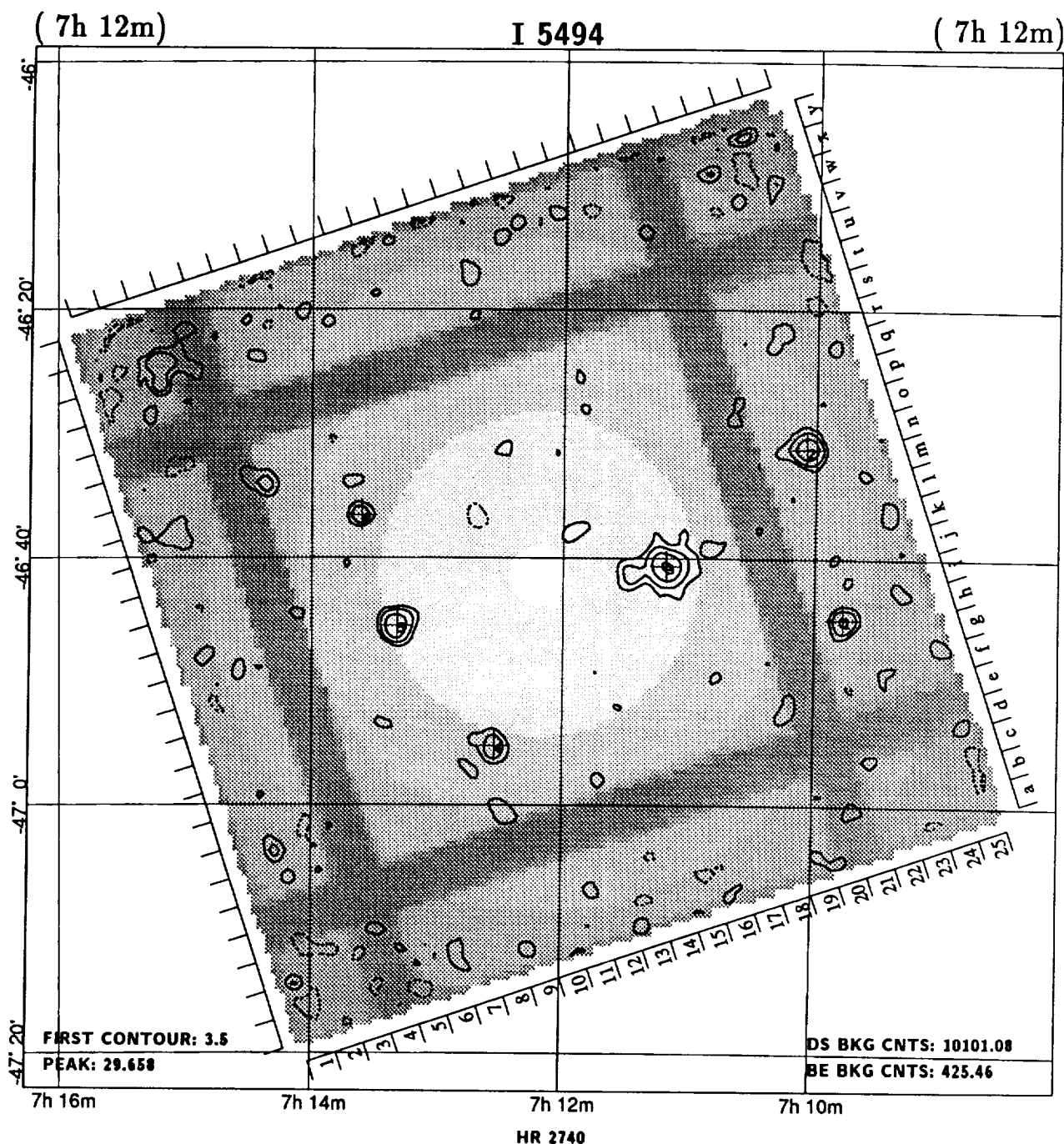


FIELD CENTER: 07^h11^m20.8^s -10°38'12" (B1950)
07^h13^m42.5^s -10°43'24" (J2000)
 l : 225.00 b : 0.00

DATE: 1979/290 - 1979/290
LIVETIME: 1660.3s
ROLL ANGLE: -99.7°

NH: 6.8E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1793	1	07 11 49.7	-10 18 02	51	*0.0307	0.0065	24.5	2.5	4.7	1.1	804	21.3	H	S

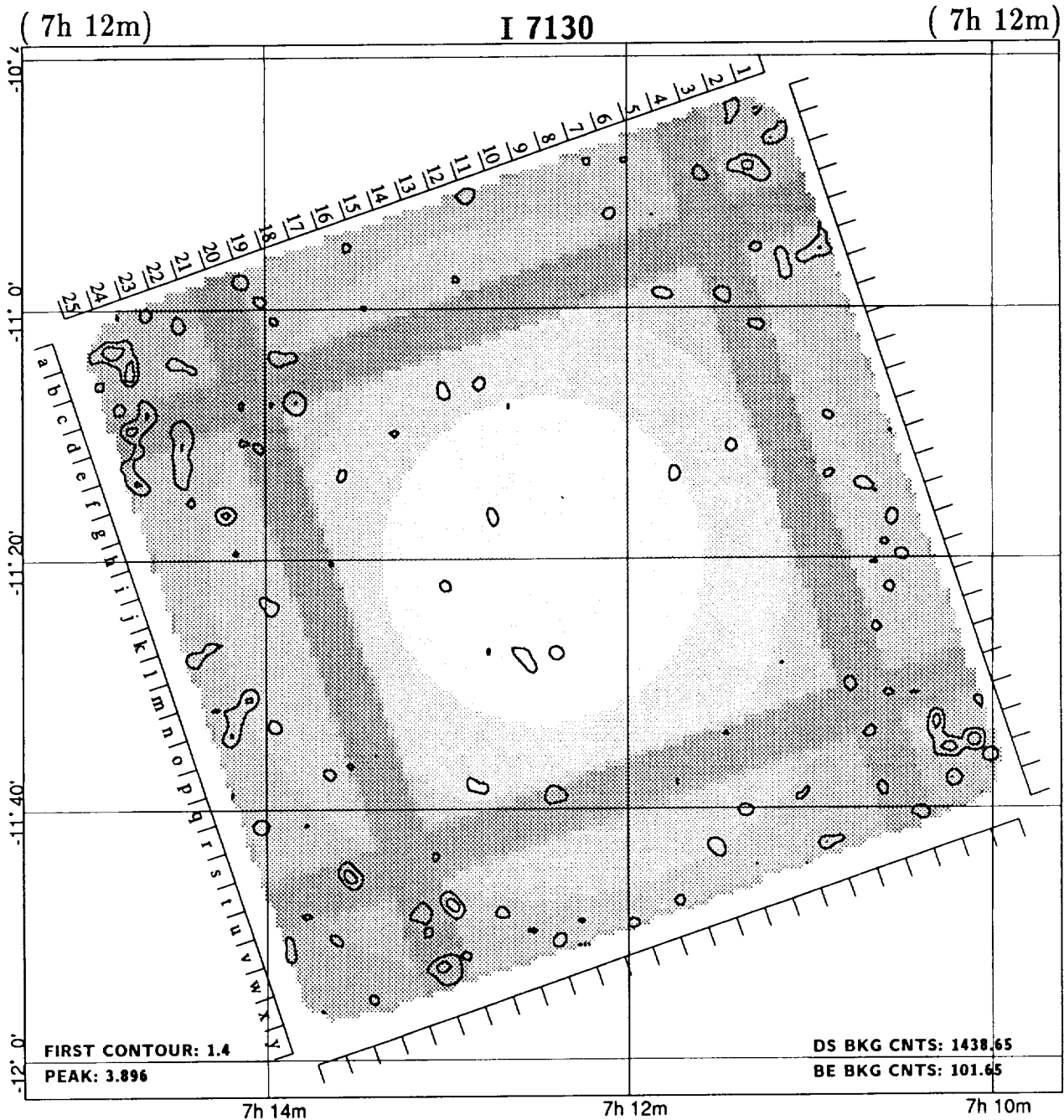


FIELD CENTER: 07^h12^m09.0^s -46°40'59" (B1950)
07^h13^m35.3^s -46°46'13" (J2000)
ℓ: 257.80 b: -15.87

DATE: 1979/303 - 1979/312
LIVETIME: 8185.2s
ROLL ANGLE: -108.4°

NH: 6.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1788	1	07 09 46.5	-46 44 49	52	0.0081	0.0019	28.2	15.8	4.3	0.7	100	24.4	H	
1789	2	07 10 04.5	-46 31 12	50	0.0157	0.0024	57.2	16.8	6.6	0.9	0	23.3		
1792	3	07 11 10.8	-46 40 38	38	0.0198	0.0021	107.2	21.8	9.4	1.4	0	10.0	H	S
1794	4	07 12 32.4	-46 55 11	42	0.0069	0.0015	34.3	21.7	4.6	0.8	0	14.8	H	
1798	5	07 13 19.2	-46 45 25	38	0.0171	0.0020	89.2	22.8	8.4	0.9	0	12.9	H	
1800	6	07 13 36.3	-46 36 32	51	0.0059	0.0015	28.3	21.7	4.0	0.6	0	15.7		



H0712-113, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: 07^h12^m28.8^s -11°20'59" (B1950)
07^h14^m49.7^s -11°26'16" (J2000)
 l : 225.76 b : -0.09

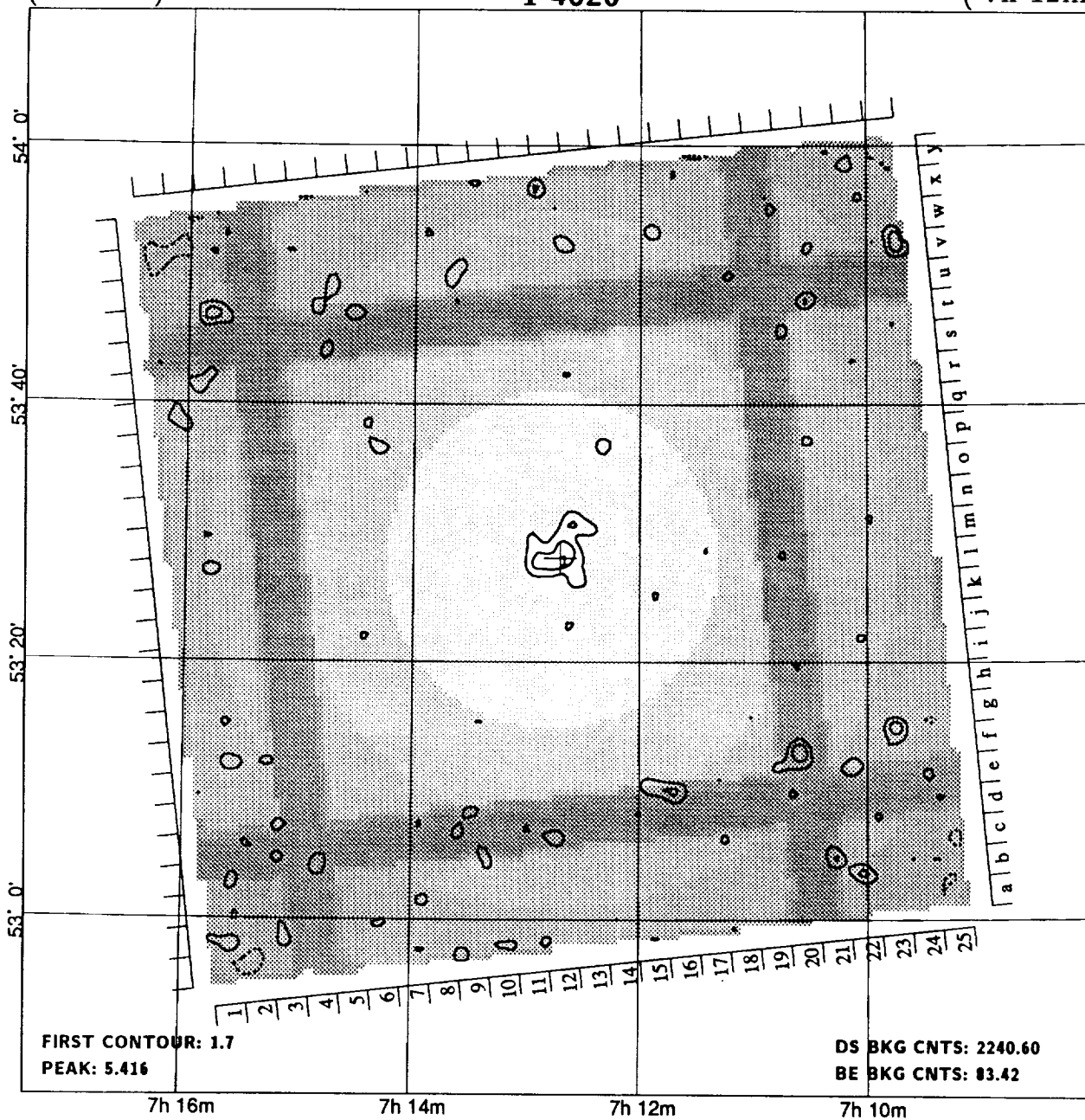
DATE: 1980/114 - 1980/114
LIVETIME: 1207.7s
ROLL ANGLE: 71.3°

NH: 4.7E+21
REF/ID:
FIELD FLAGS:

(7h 12m)

I 4620

(7h 12m)



POOR ZWICKY CLUSTER: 0712+534

FIELD CENTER: 07^h12^m42.0^s 53°28'29" (B1950)

DATE: 1979/282 - 1979/283

NH: 6.6E+20

07^h16^m41.0^s 53°23'09" (J2000)

LIVETIME: 1815.6s

REF/ID: G

l: 163.83 b: 25.11

ROLL ANGLE: -96.2°

FIELD FLAGS:

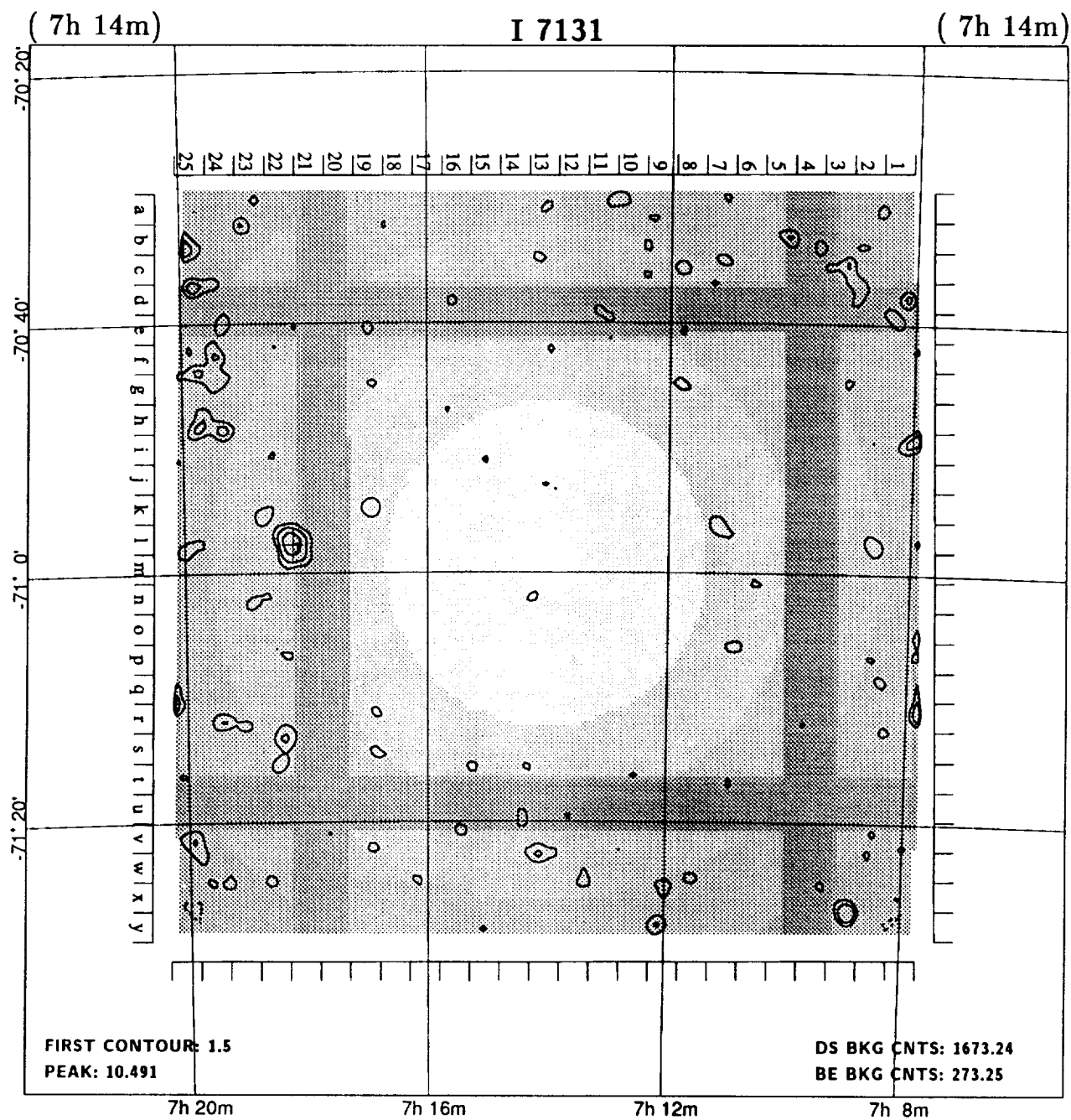
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1795	1	07 12 42.2	53 28 09	37	0.0163	0.0039	22.1	5.9	4.2	1.6	0	0.9		

(7h 12m)



NH: 3.5E+21
REF/ID:
FIELD FLAGS:

CAT	FLD	RA	DEC	±	COUNT	±	NET	BKG	S/N	SIZE	RECO	R'	SRC	ID
#	#	(1950)	(1950)	"	RATE		CTS	CTS		COR			FLG	
1796	1	07 12 49.1	-26 56 51	51	0.0445	0.0093	25.2	2.8	4.8	1.1	0	15.9	H	



H0714-710, UNIDENTIFIED HEAO A2 SOURCE

FIELD CENTER: 07^h14^m00.0^s -70°59'59" (B1950)
07^h13^m29.1^s -71°05'16" (J2000)
ℓ: 282.28 b: -23.81

DATE: 1980/ 98 - 1980/ 98
LIVETIME: 1404.6s
ROLL ANGLE: 89.8°

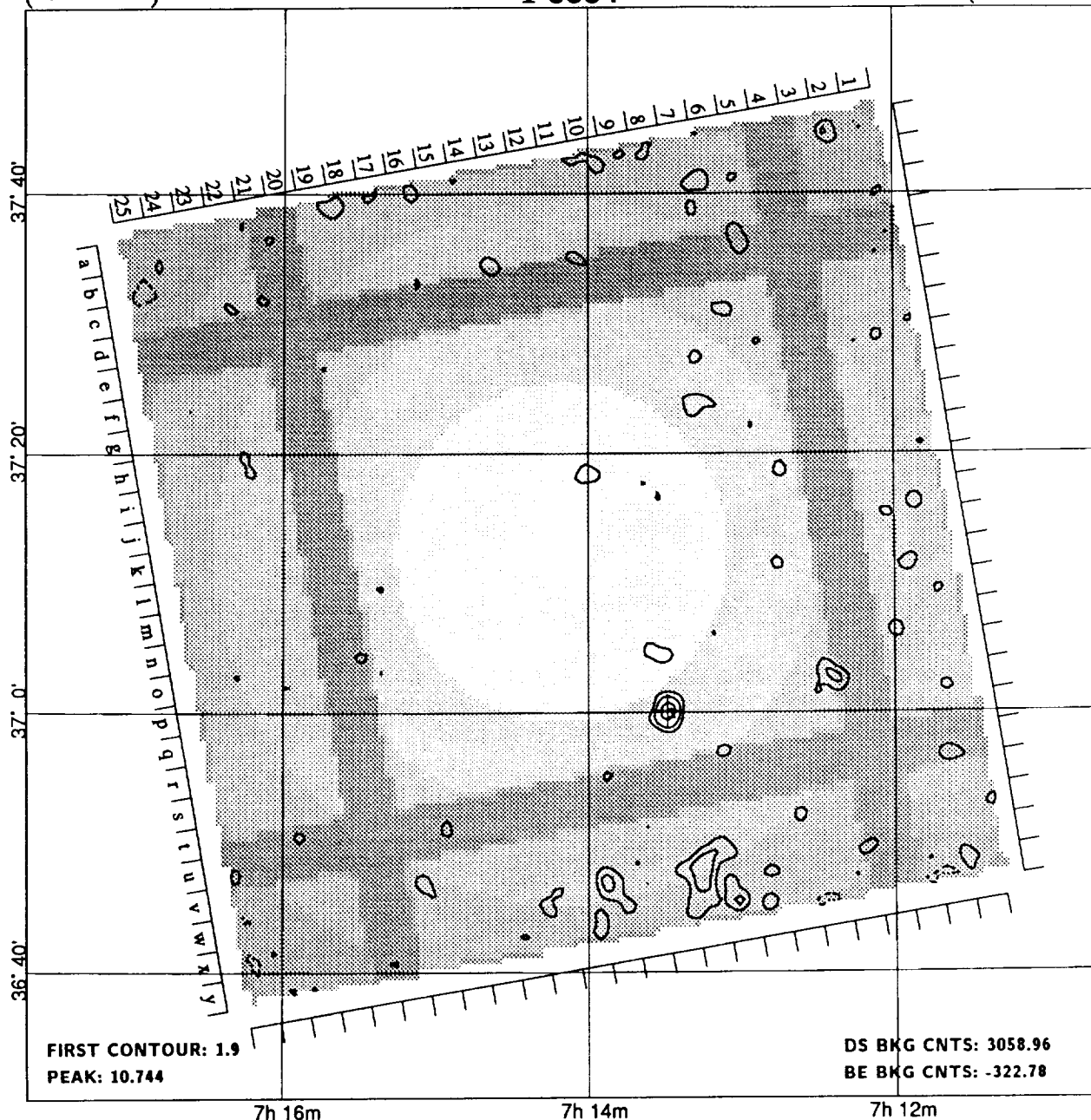
NH: 1.1E+21
REF/iD:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1808	1	07 18 13.2	-70 57 41	51	*0.0354	0.0075	24.9	3.1	4.7	0.9	703	20.8	H	

(7h 14m)

I 3554

(7h 14m)



RADIO SOURCES WITH STEEP SPECTRA: CL0713+37

FIELD CENTER: 07^h14^m10.0^s 37°12'17" (B1950)
 07^h17^m31.6^s 37°06'52" (J2000)
 l : 180.90 b : 20.84

DATE: 1979/ 98 - 1979/ 98
 LIVETIME: 2478.8s
 ROLL ANGLE: 80.3°

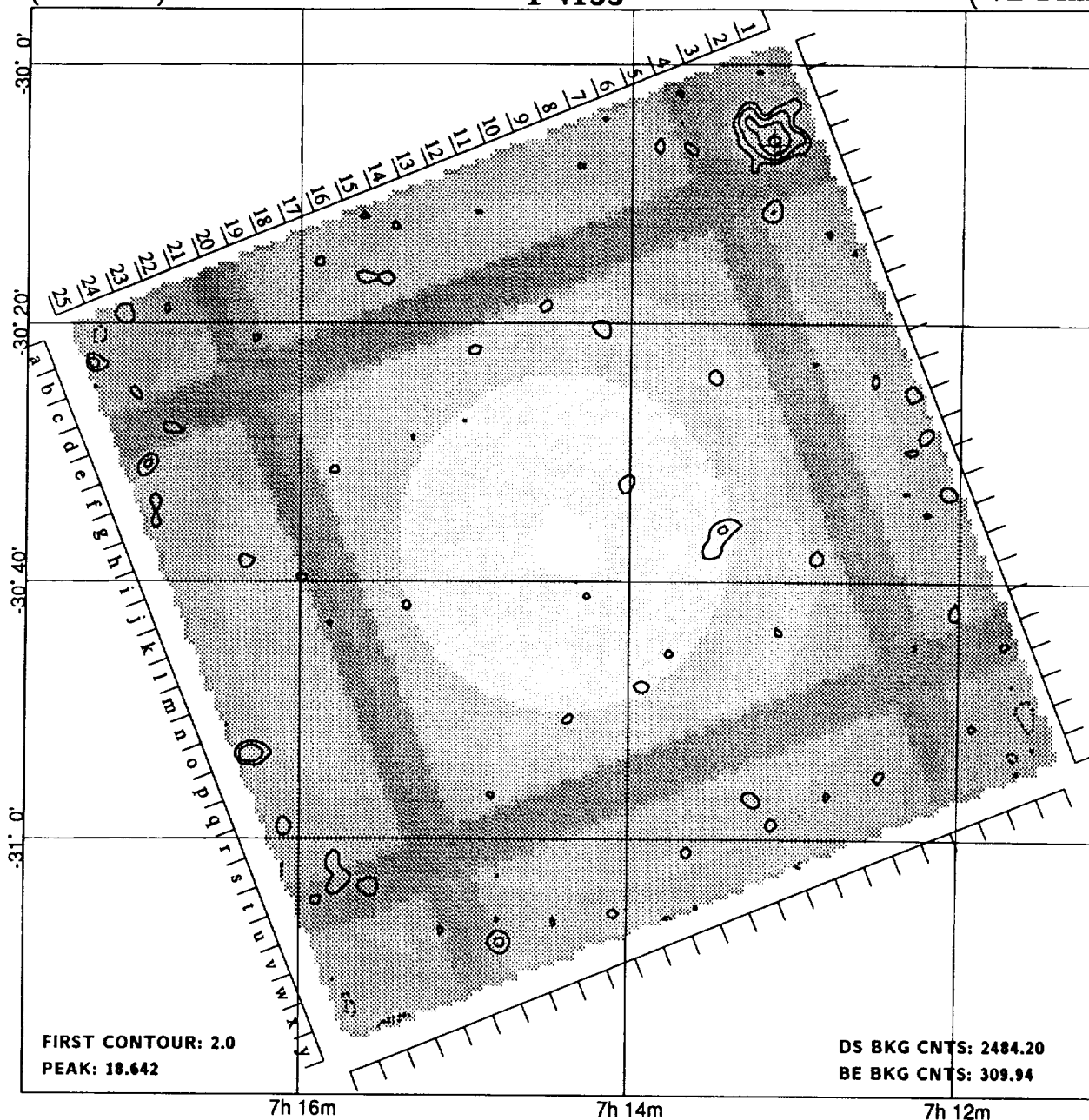
NH: 6.7E+20
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1799	1	07 13 28.9	37 00 08	42	0.0176	0.0038	26.0	6.0	4.6	0.8	0	14.6	H	*

(7h 14m)

I 4133

(7h 14m)



H0717-30 POSITION

FIELD CENTER: $07^h 14^m 24.0^s$ $-30^\circ 37' 47''$ (B1950)
 $07^h 16^m 20.2^s$ $-30^\circ 43' 11''$ (J2000)
 $l: 243.12$ $b: -8.63$

DATE: 1980/120 - 1980/120
 LIVETIME: 2085.3s
 ROLL ANGLE: 68.2°

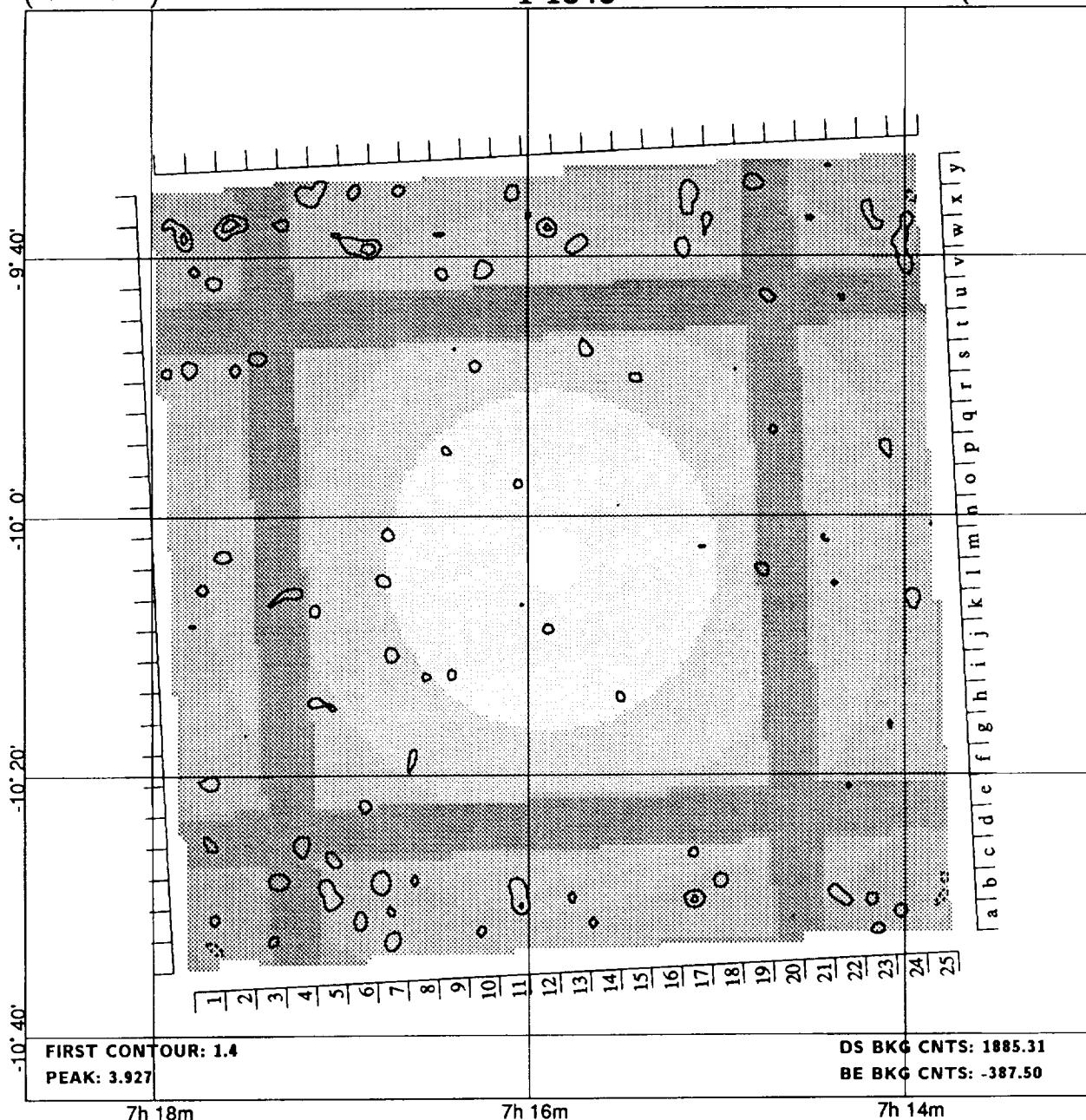
NH: $2.0E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1797	1	07 13 08.5	-30 06 13	52	*0.0444	0.0095	25.1	3.9	4.7	1.6	804	35.6	H

(7h 15m)

I 1348

(7h 15m)

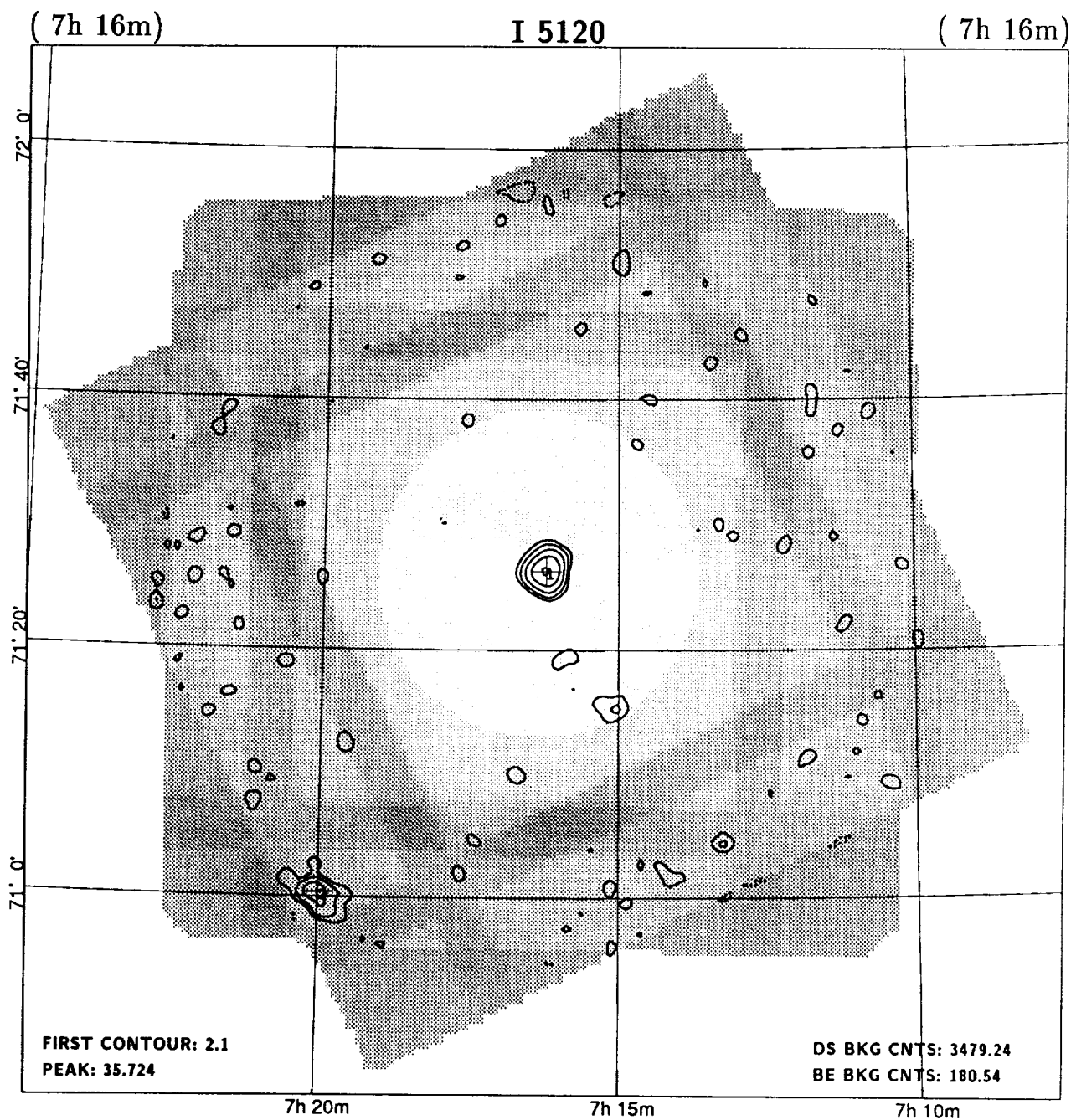


225 DEGREES GALACTIC PLANE SURVEY

FIELD CENTER: $07^{\text{h}}15^{\text{m}}50.0^{\text{s}}$ $-10^{\circ}02'58''$ (B1950)
 $07^{\text{h}}18^{\text{m}}12.5^{\text{s}}$ $-10^{\circ}08'29''$ (J2000)
 l : 225.00 b : 1.25

DATE: 1979/290 - 1979/290
 LIVETIME: 1527.7s
 ROLL ANGLE: -92.7°

NH: $6.9\text{E}+21$
 REF/ID:
 FIELD FLAGS:



SUSPECTED BL LAC A

FIELD CENTER: 07^h16^m13.7^s 71°26'14" (B1950)
07^h21^m54.1^s 71°20'35" (J2000)
 l : 143.98 b : 28.02

DATE: 1979/292 - 1980/ 69
LIVETIME: 2819.3s

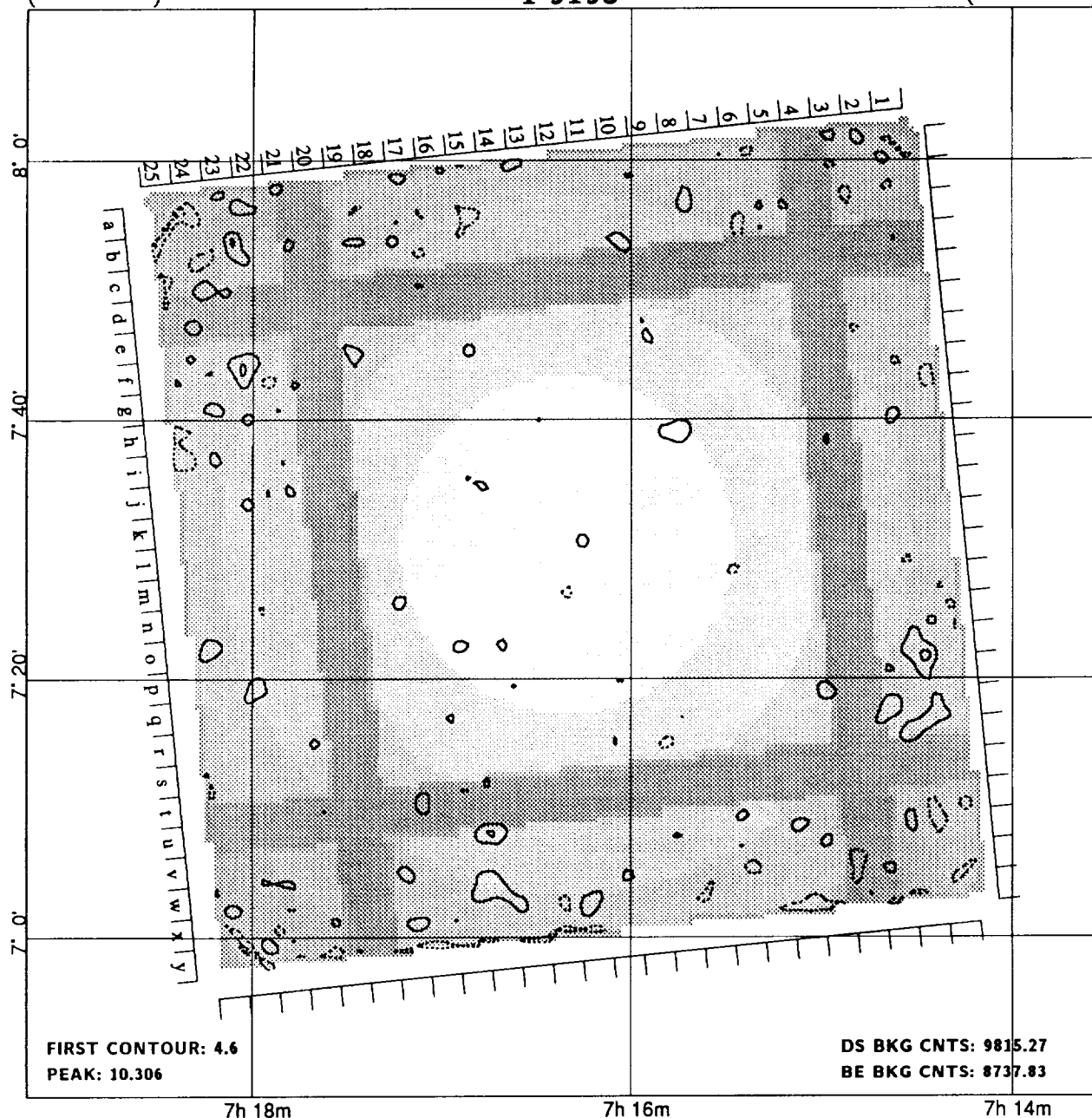
NH: 3.4E+20
REF/ID: BL
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1802	1	07 16 14.1	71 26 18	31	0.0700	0.0059	146.9	9.1	11.8	1.1	0	0.2	H	BL
1810	2	07 19 59.6	71 00 21	52	0.0272	0.0059	25.6	5.4	4.6	1.4	0	31.7	H	

(7h 16m)

I 9193

(7h 16m)



SOFT X-RAYS CORRELATED W/[O III] LAMBDA5007 EMISSION

FIELD CENTER: 07^h16^m22.0^s 07°29'40" (B1950)
07^h19^m04.0^s 07°24'07" (J2000)
 l : 209.43 b : 9.49

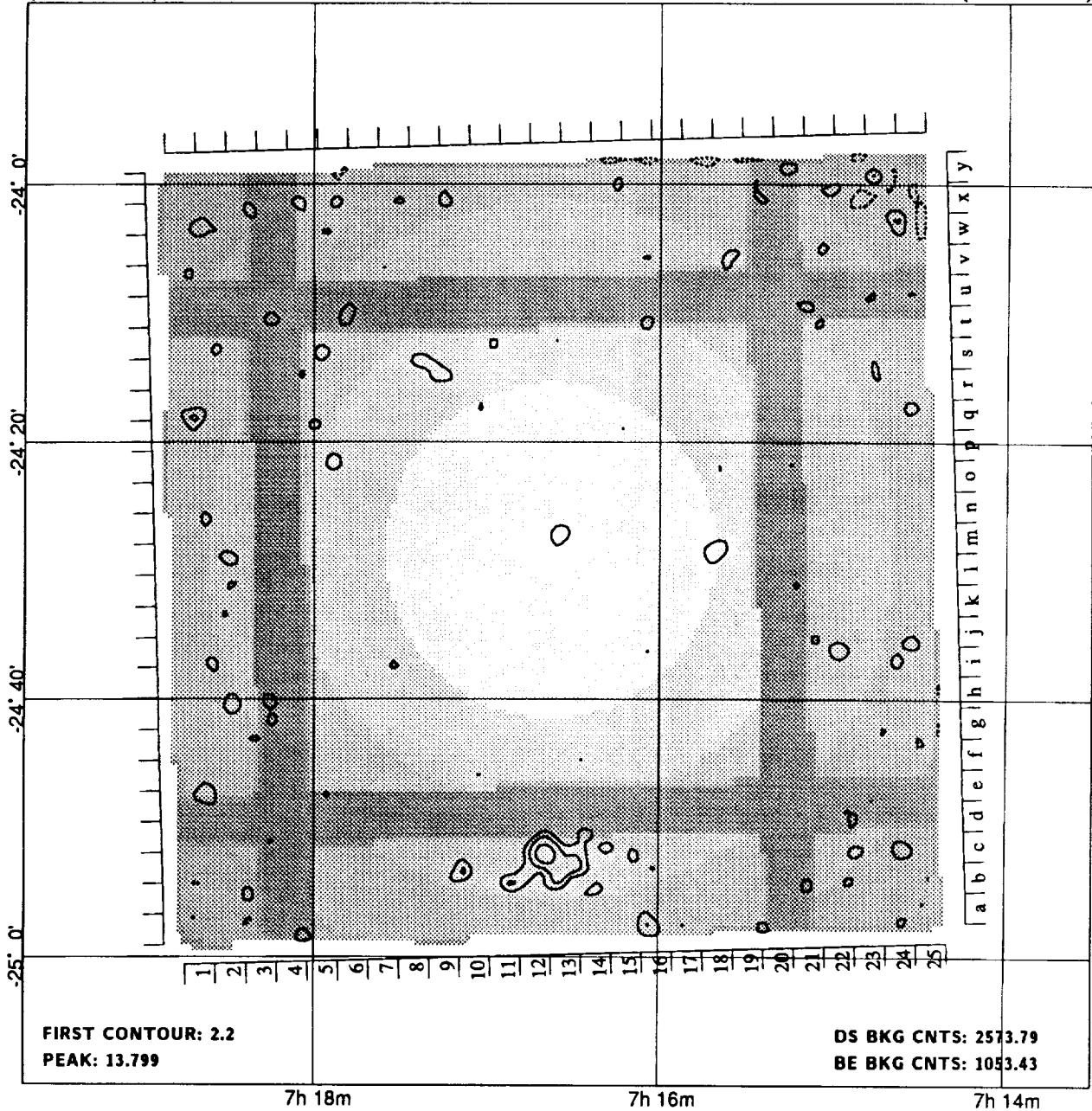
DATE: 1981/ 90 - 1981/ 91
LIVETIME: 7953.6s
ROLL ANGLE: 84.4°

NH: 1.2E+21
REF/ID:
FIELD FLAGS: L

(7h 16m)

I 3125

(7h 16m)



CORONAL EMISSION FROM OB SUPERGIANTS: 29 CMA

FIELD CENTER: $07^h 16^m 35.0^s$ $-24^\circ 27' 59''$ (B1950)
 $07^h 18^m 40.0^s$ $-24^\circ 33' 32''$ (J2000)
 $l: 237.82$ $b: -5.37$

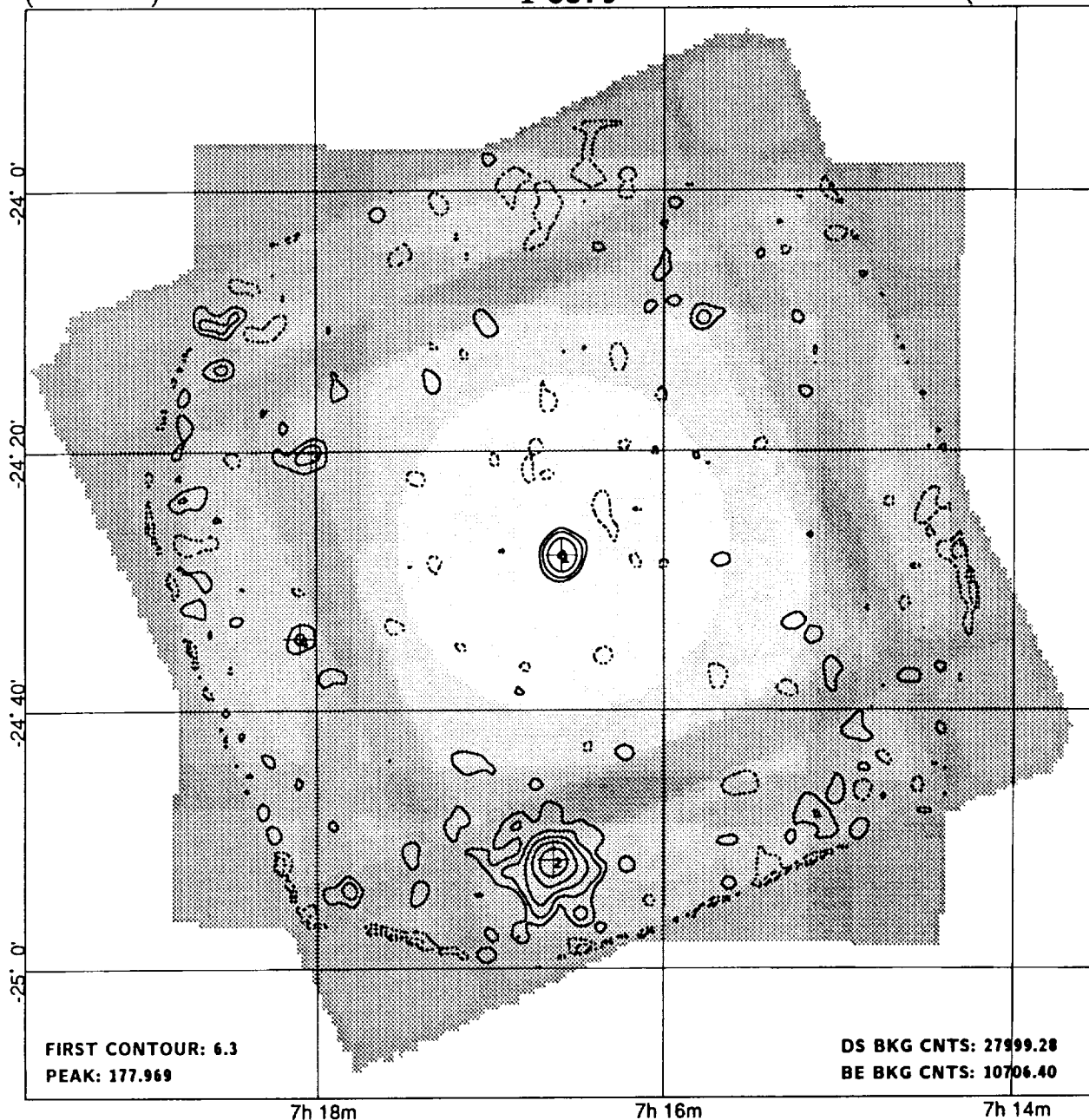
DATE: 1979/279 - 1979/279
LIVETIME: 2085.6s
ROLL ANGLE: -91.7°

NH: $4.8E+21$
REF/ID:
FIELD FLAGS: L

(7h 16m)

I 8379

(7h 16m)



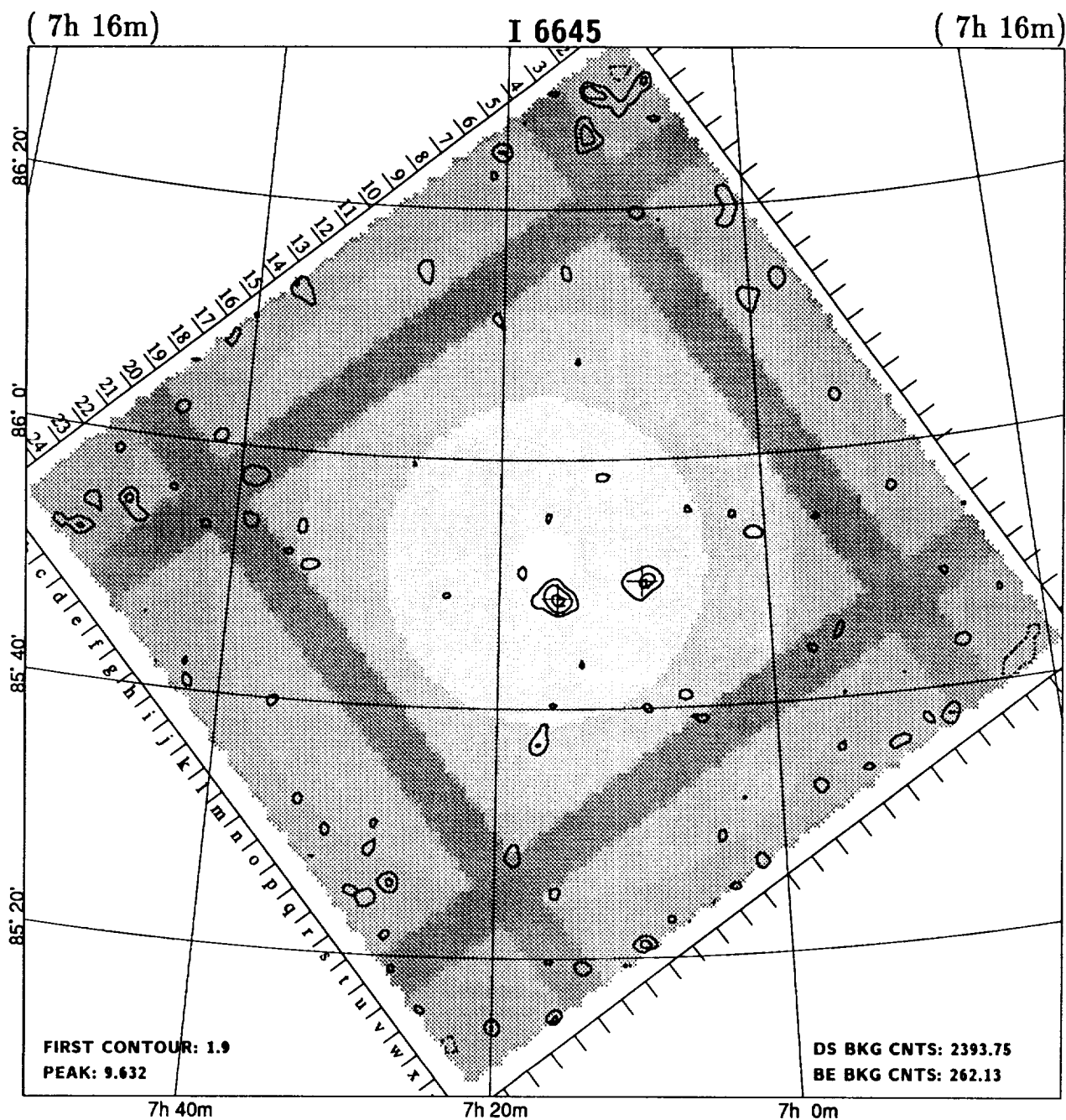
29 CMA, LIGHT CURVE OF 29 CMA

FIELD CENTER: $07^h 16^m 35.4^s$ $-24^\circ 27' 58''$ (B1950)
 $07^h 18^m 40.4^s$ $-24^\circ 33' 31''$ (J2000)
 $l: 237.82$ $b: -5.37$

DATE: 1980/120 - 1981/106
 LIVETIME: 23503.4s

NH: 4.8E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1803	1	07 16 35.2	-24 28 04	31	0.0144	0.0011	252.2	102.8	13.4	1.0	0	0.2	AH	
1804	2	07 16 38.1	-24 51 37	47	*0.0445	0.0022	463.5	59.5	20.3	1.9	601	23.6	AH	S
1806	3	07 18 01.8	-24 20 05	53	*0.00446	0.00094	51.7	68.3	4.7	0.9	1408	21.5		
1807	4	07 18 05.7	-24 34 29	66	0.00332	0.00089	37.5	64.5	3.7	0.7	500	21.9	H	



NGC 2300, SURVEY OF GROUPS OF GALAXIES

FIELD CENTER: 07^h16^m36.0^s 85°50'59" (B1950)
07^h33^m17.6^s 85°44'56" (J2000)
 l : 127.66 b : 27.82

DATE: 1980/ 64 - 1980/ 64
LIVETIME: 1939.7s
ROLL ANGLE: 53.1°

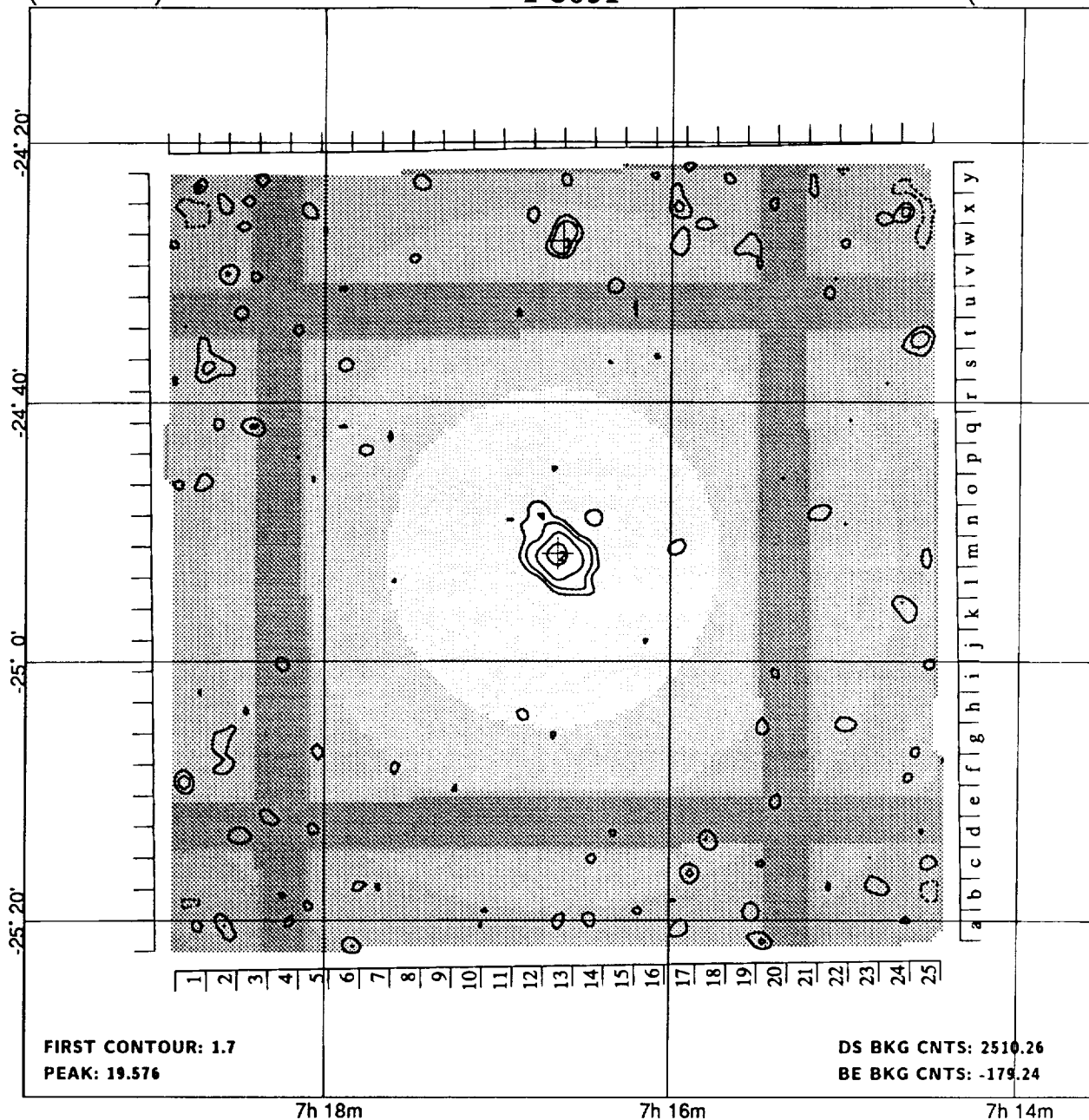
NH: 5.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1787	1	07 09 22.8	85 50 14	47	0.0149 0.0038	19.8	6.2	3.9	0.9	0	7.3	H	
1801	2	07 15 41.2	85 48 52	35	0.0211 0.0043	29.9	7.1	4.9	0.9	0	2.5	H	G

(7h 16m)

I 5091

(7h 16m)



STAR TAU CMA(HD 57061)

FIELD CENTER: 07^h16^m38.0^s -24°51'41" (B1950)07^h18^m42.4^s -24°57'14" (J2000) l : 238.18 b : -5.54

DATE: 1979/278 - 1979/278

LIVETIME: 2034.1s

ROLL ANGLE: -90.8°

NH: 4.9E+21

REF/ID:

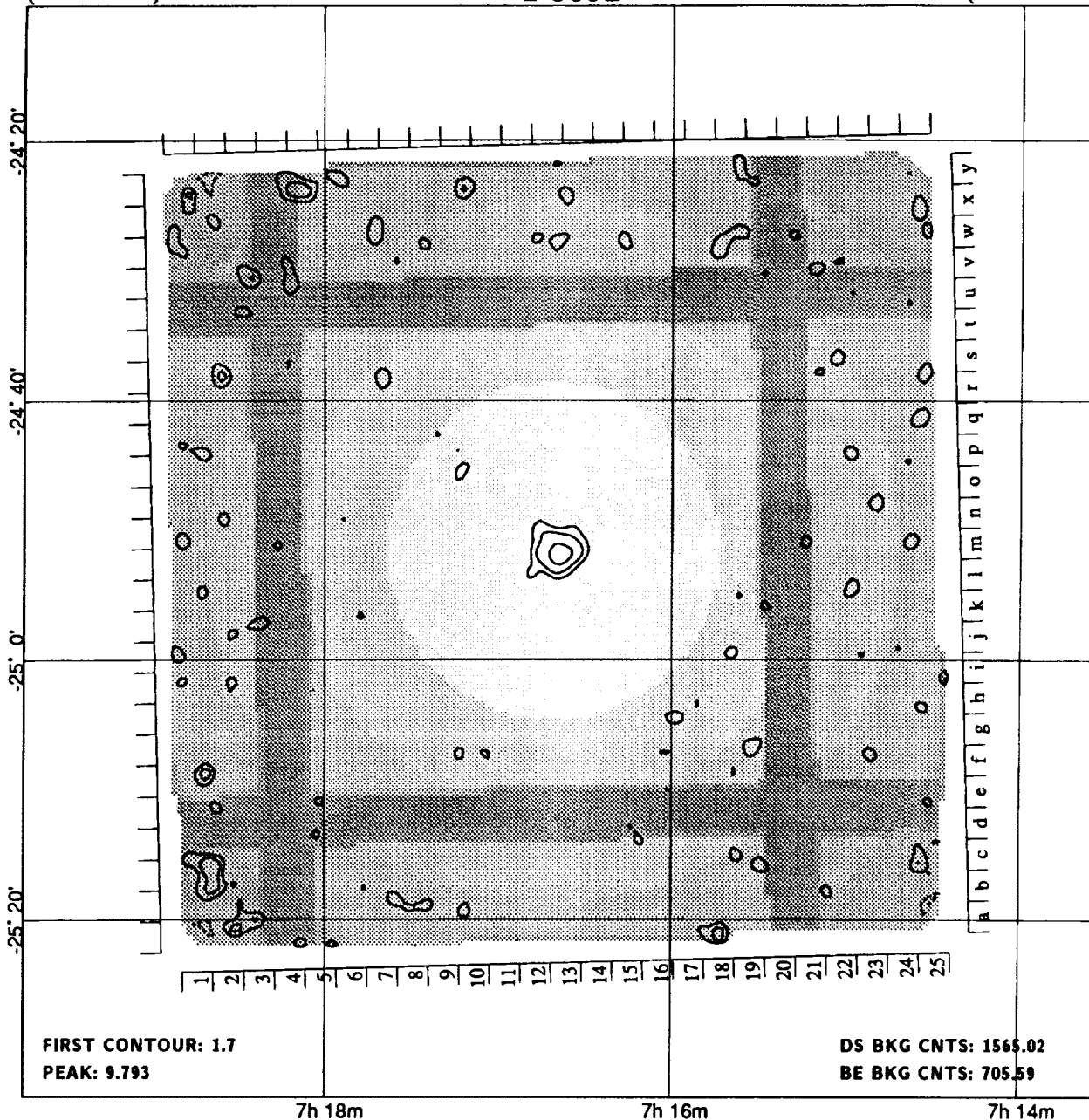
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1803	1	07 16 37.4	-24 27 41	54	0.0194	0.0052	17.4	4.6	3.7	0.9	0	23.9	AH	
1804	2	07 16 39.1	-24 51 44	32	0.0530	0.0061	80.4	5.6	8.7	1.8	0	0.4	AH	S

(7h 16m)

I 5092

(7h 16m)



STAR TAU CMA(HD 57061)

FIELD CENTER: 07^h16^m38.0^s -24°51'41" (B1950)
07^h16^m42.4^s -24°57'14" (J2000)
l: 238.18 b: -5.54

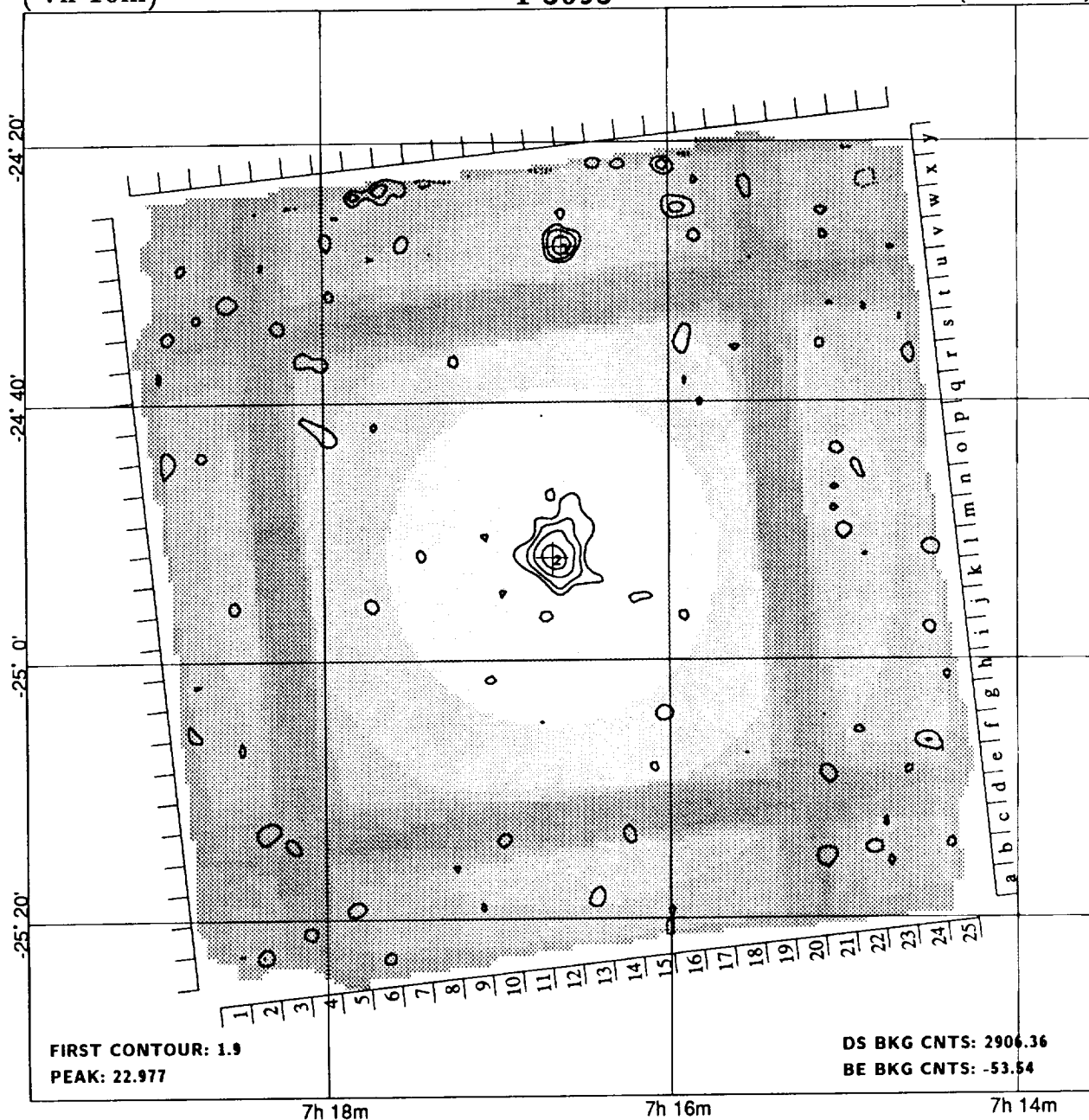
DATE: 1979/279 - 1979/279
LIVETIME: 1268.2s
ROLL ANGLE: -91.5°

NH: 4.9E+21
REF/ID:
FIELD FLAGS: CLS

(7h 16m)

I 5093

(7h 16m)



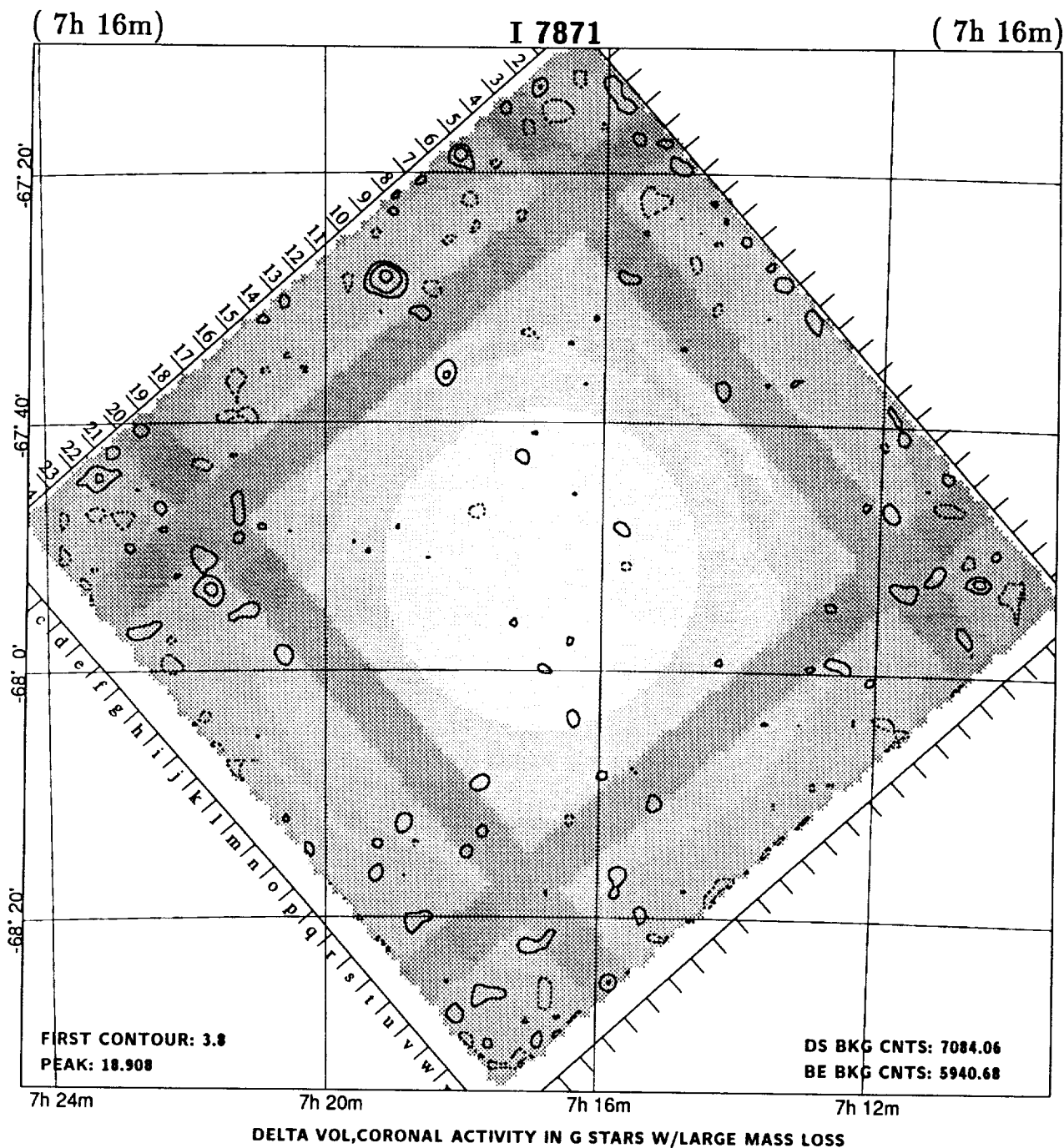
STAR TAU CMA(HD 57061)

FIELD CENTER: 07^h16^m38.0^s -24°51'41" (B1950)
 07^h18^m42.4^s -24°57'14" (J2000)
 l : 238.18 b : -5.54

DATE: 1979/282 - 1979/290
 LIVETIME: 2355.1s
 ROLL ANGLE: -96.1°

NH: 4.9E+21
 REF/ID:
 FIELD FLAGS: C

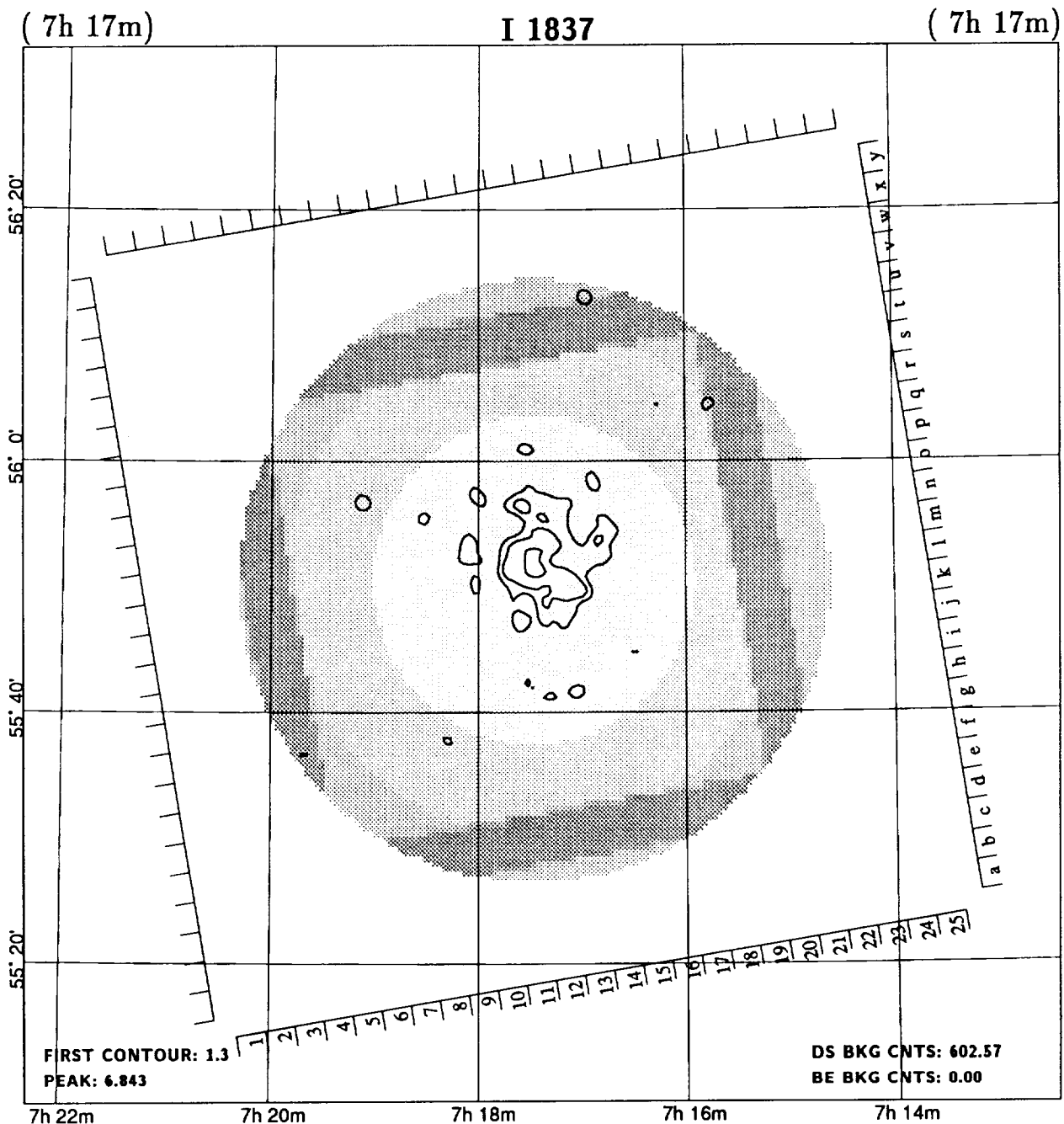
CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1803	1	07 16 36.9	-24 28 01	51	0.0231	0.0051	24.2	4.8	4.5	0.8	0	23.9	AH	
1804	2	07 16 40.5	-24 52 04	31	0.0587	0.0060	103.2	6.8	9.8	1.5	0	0.8	AH	S



FIELD CENTER: $07^h 16^m 51.7^s$ $-67^\circ 51' 56''$ (B1950)
 $07^h 16^m 49.9^s$ $-67^\circ 57' 26''$ (J2000)
 l : 279.09 b : -22.69

DATE: 1980/143 - 1980/143
 LIVETIME: 5740.5s
 ROLL ANGLE: 48.3°

NH: $1.1E+21$
 REF/ID:
 FIELD FLAGS: L



A576: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: 07^h17^m24.0^s 55°50'59'' (B1950)
07^h21^m30.2^s 55°45'19'' (J2000)
 l : 161.40 b : 26.26

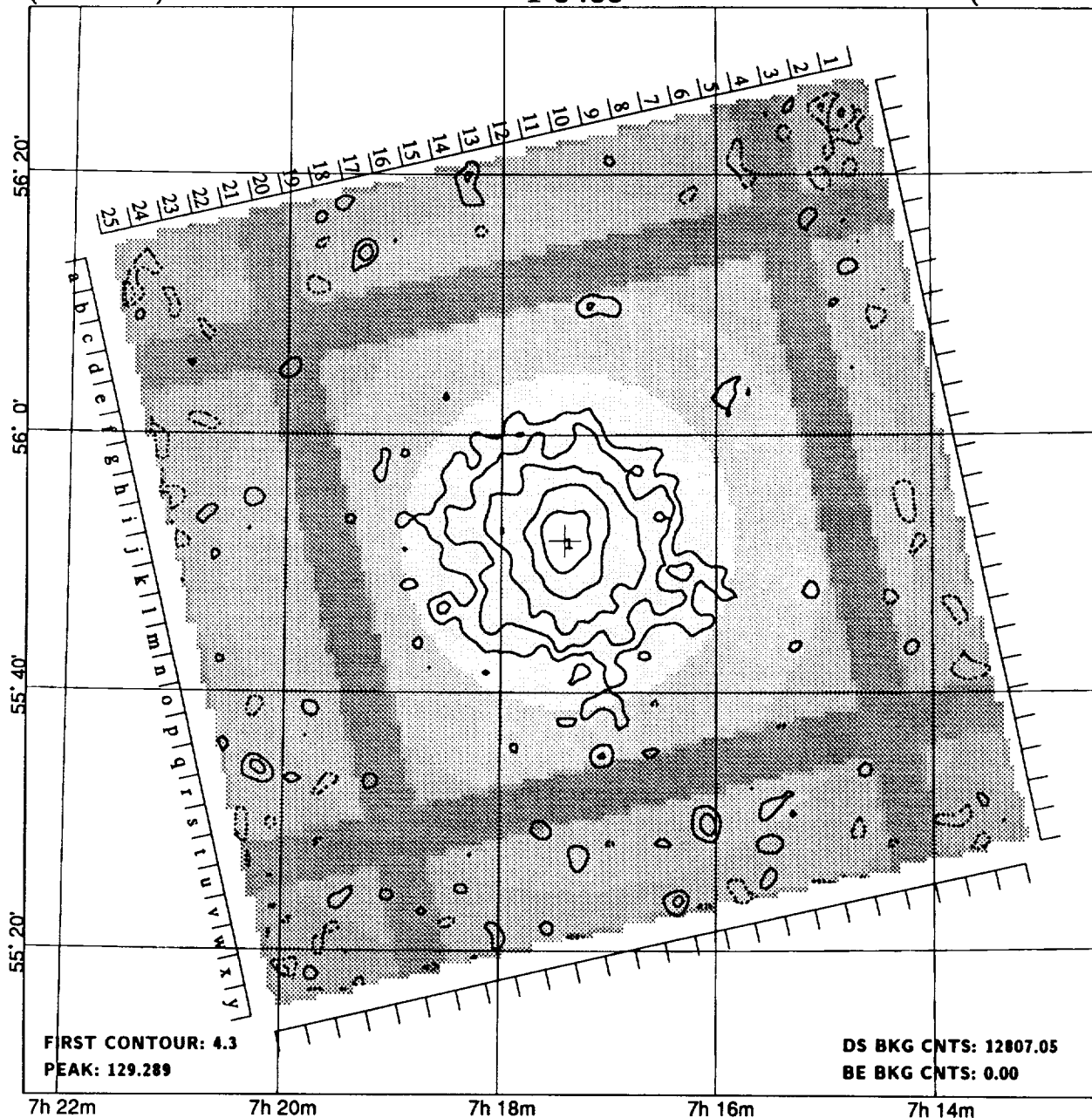
DATE: 1979/279 - 1979/279
LIVETIME: 488.3s
ROLL ANGLE: -99.5°

NH: 5.6E+20
REF/ID:
FIELD FLAGS: CLS

(7h 17m)

I 3455

(7h 17m)



A 576, RICH CLUSTER OF GALAXIES

FIELD CENTER: 07^h17^m24.0^s 55°50'59" (B1950)
 07^h21^m30.2^s 55°45'19" (J2000)
 l : 161.40 b : 26.26

DATE: 1979/ 86 - 1979/ 86
 LIVETIME: 10377.9s
 ROLL ANGLE: 77.3°

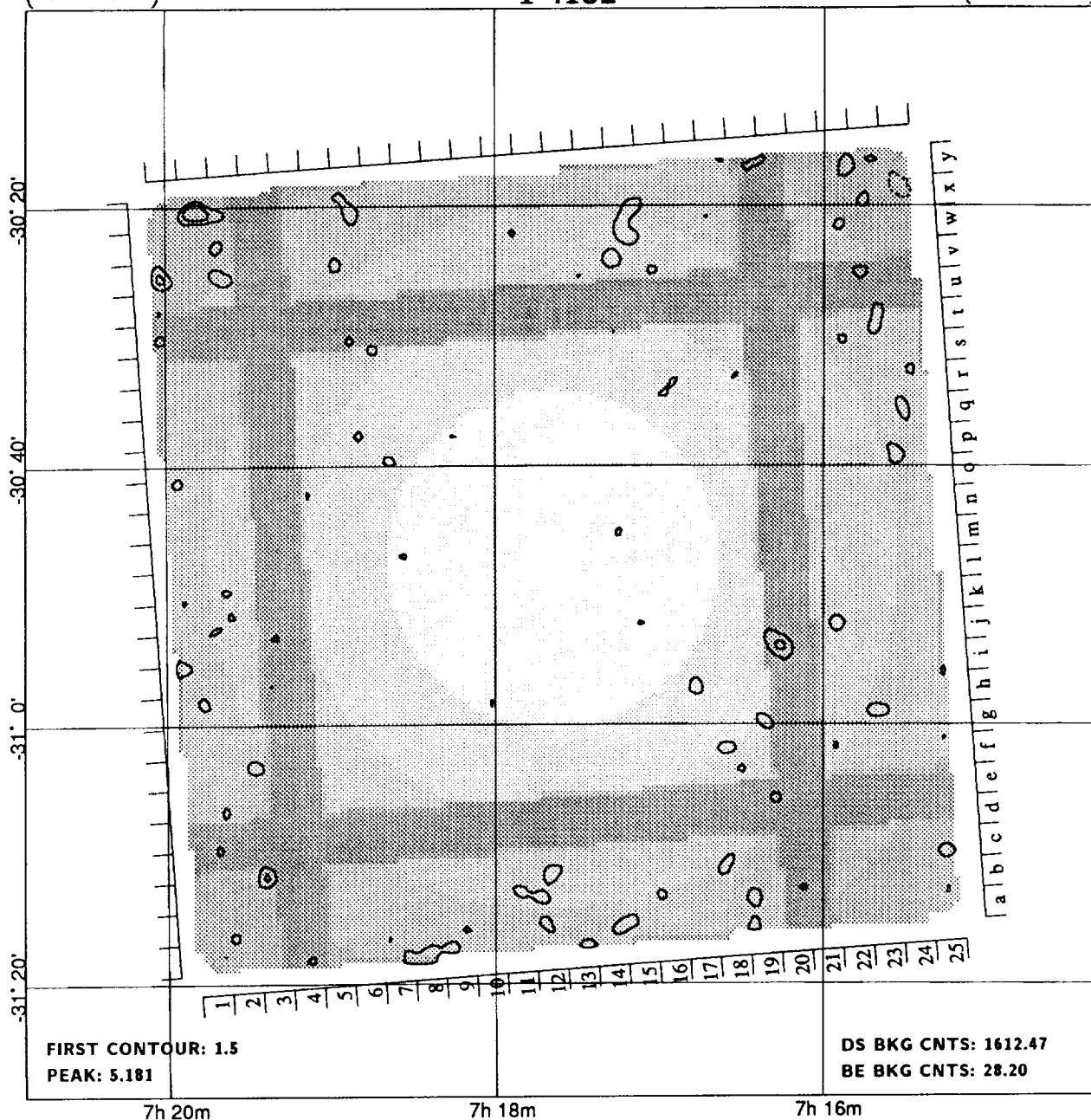
NH: 5.6E+20
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1805	1L	07 17 24.6	55 51 49	31	0.0320	0.0043	247.2	442.8	7.4	7.3	0	0.8	CLG	

(7h 17m)

I 4132

(7h 17m)



H0717-30 POSITION

FIELD CENTER: 07^h17^m36.0^s -30°46'47" (B1950)
 07^h19^m32.2^s -30°52'24" (J2000)
 l : 243.57 b : -8.08

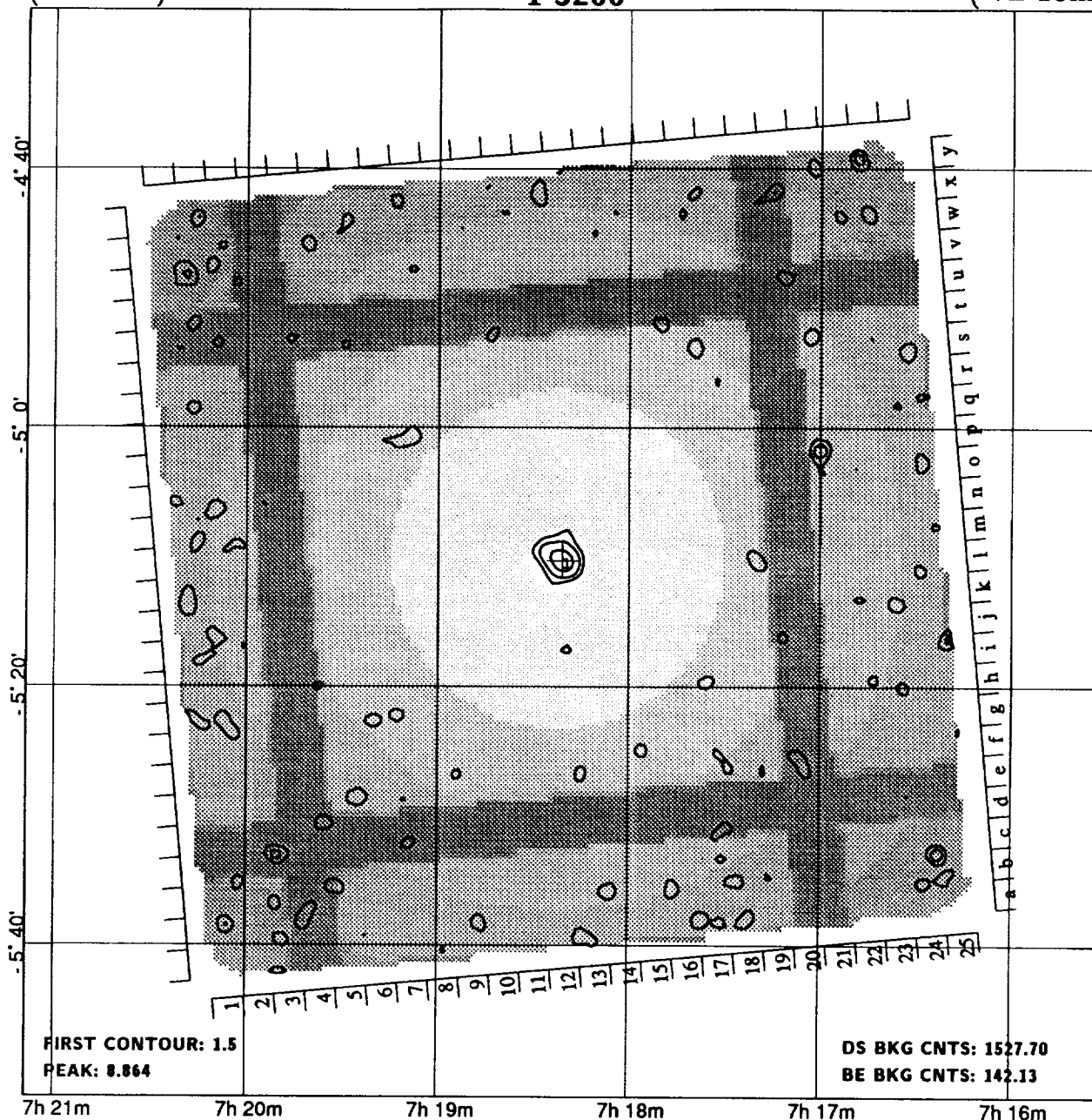
DATE: 1979/284 - 1979/284
 LIVETIME: 1306.6s
 ROLL ANGLE: -94.0°

NH: 2.2E+21
 REF/ID:
 FIELD FLAGS:

(7h 18m)

I 3200

(7h 18m)



FIELD CENTER: 07^h18^m20.0^s -05°09'44" (B1950)
07^h20^m48.0^s -05°15'25" (J2000)
ℓ: 220.98 b: 4.10

DATE: 1979/281 - 1979/281
LIVETIME: 1237.9s
ROLL ANGLE: -95.2°

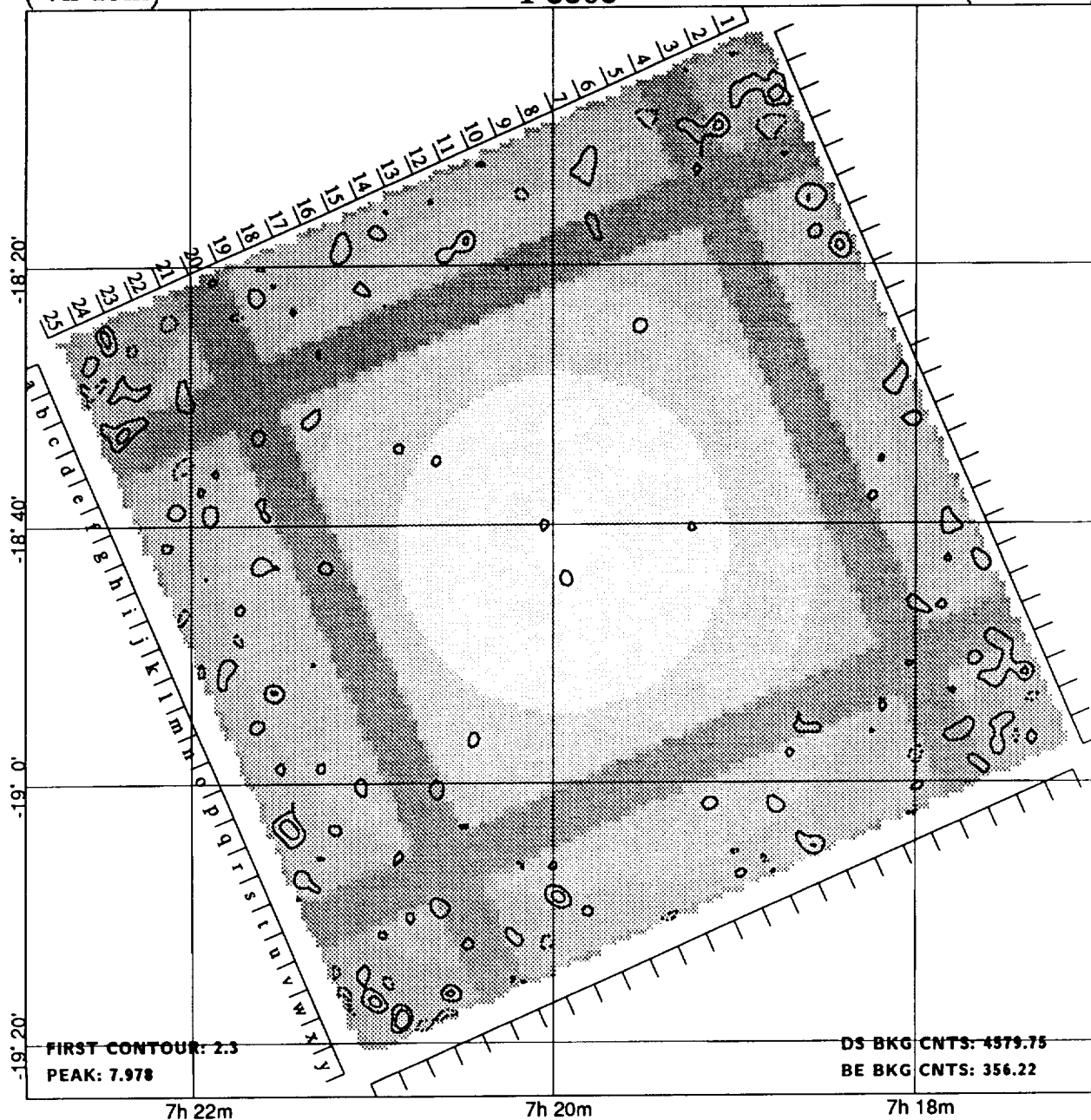
NH: 3.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1809	1	07 18 20.9	-05 10 12	35	0.0421 0.0071	38.9	4.1	5.9	1.0	0	0.6	H	CV

(7h 19m)

I 5308

(7h 19m)



SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $07^h 19^m 57.4^s$ $-18^\circ 42' 11''$ (B1950)
 $07^h 22^m 09.8^s$ $-18^\circ 47' 58''$ (J2000)
 $l: 233.10$ $b: -1.97$

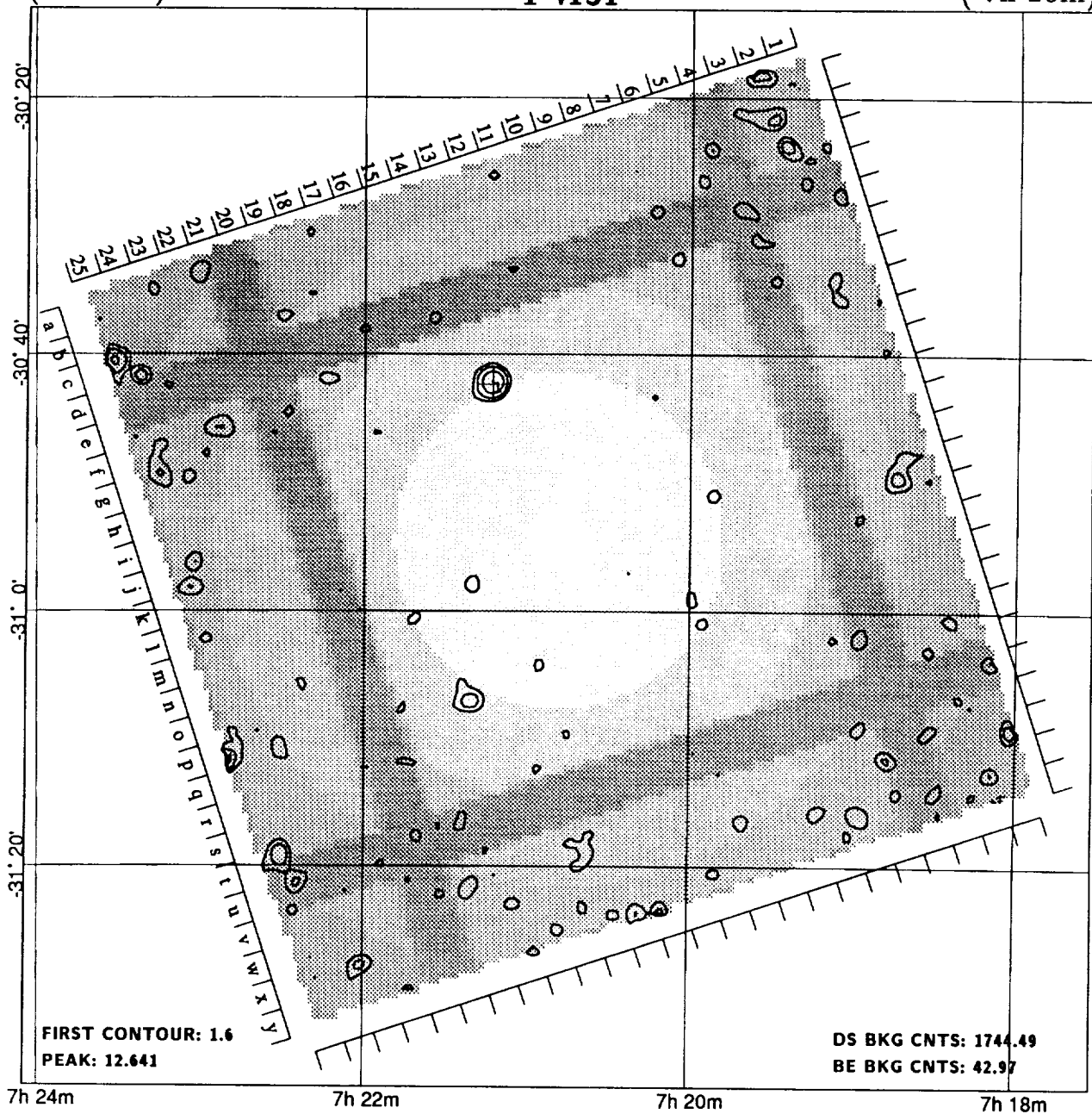
DATE: 1980/126 - 1980/126
LIVETIME: 3844.4s
ROLL ANGLE: 66.4°

NH: $7.6E+21$
REF/ID:
FIELD FLAGS:

(7h 20m)

I 4131

(7h 20m)



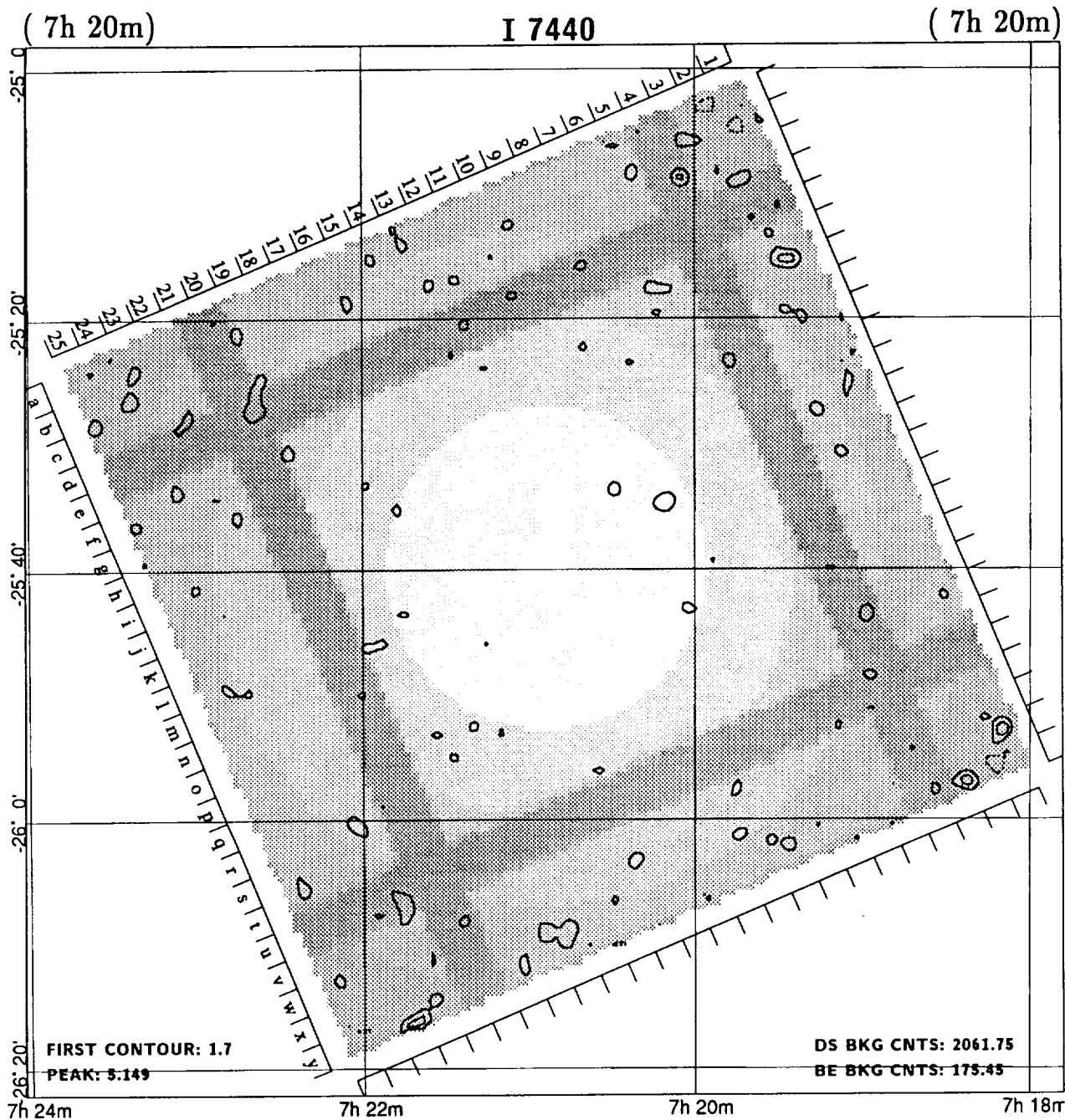
H0717-30 POSITION

FIELD CENTER: $07^h 20^m 48.0^s$ $-30^\circ 55' 11''$ (B1950)
 $07^h 22^m 44.1^s$ $-31^\circ 01' 01''$ (J2000)
 l : 244.01 b : -7.53

DATE: 1980/120 - 1980/120
 LIVETIME: 1464.4s
 ROLL ANGLE: 71.9°

NH: $2.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1811	1	07 21 12.9	-30 42 21	41	0.0357	0.0066	32.3	3.7	5.4	0.8	0	14.3	H



VY CMA,RADIO STAR

FIELD CENTER: $07^h 20^m 55.0^s$ $-25^\circ 40' 11''$ (B1950)
 $07^h 22^m 58.6^s$ $-25^\circ 46' 02''$ (J2000)
 $l: 239.35$ $b: -5.06$

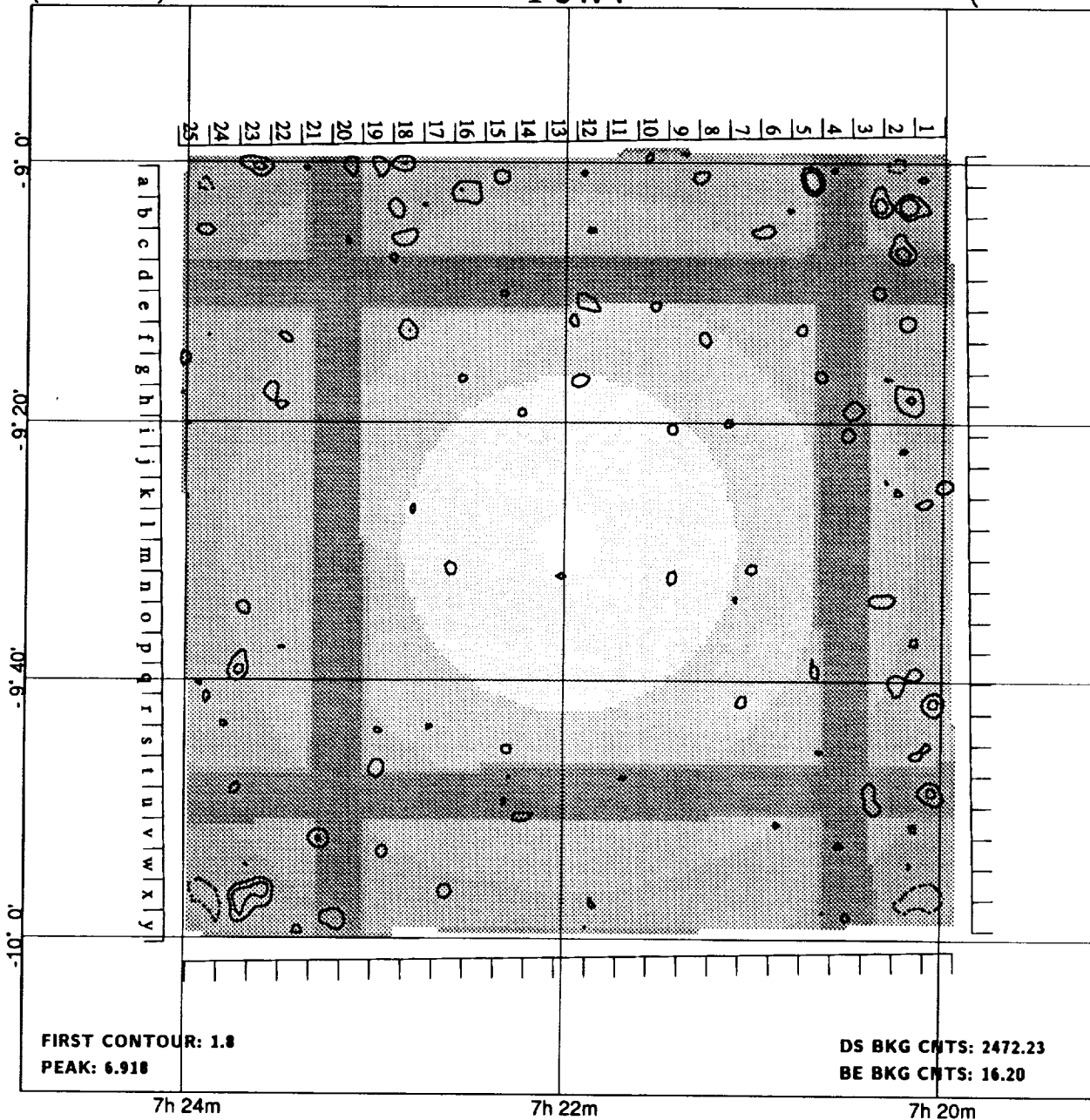
DATE: 1980/123 - 1980/123
 LIVETIME: 1730.7s
 ROLL ANGLE: 67.1°

NH: $4.9E+21$
 REF/ID:
 FIELD FLAGS:

(7h 22m)

I 3474

(7h 22m)



3C 178, BROAD AND NARROW-LINE RADIO GALAXIES

FIELD CENTER: 07^h22^m00.0^s -09°29'59" (B1950)
07^h24^m23.2^s -09°35'55" (J2000)
 l : 225.24 b : 2.85

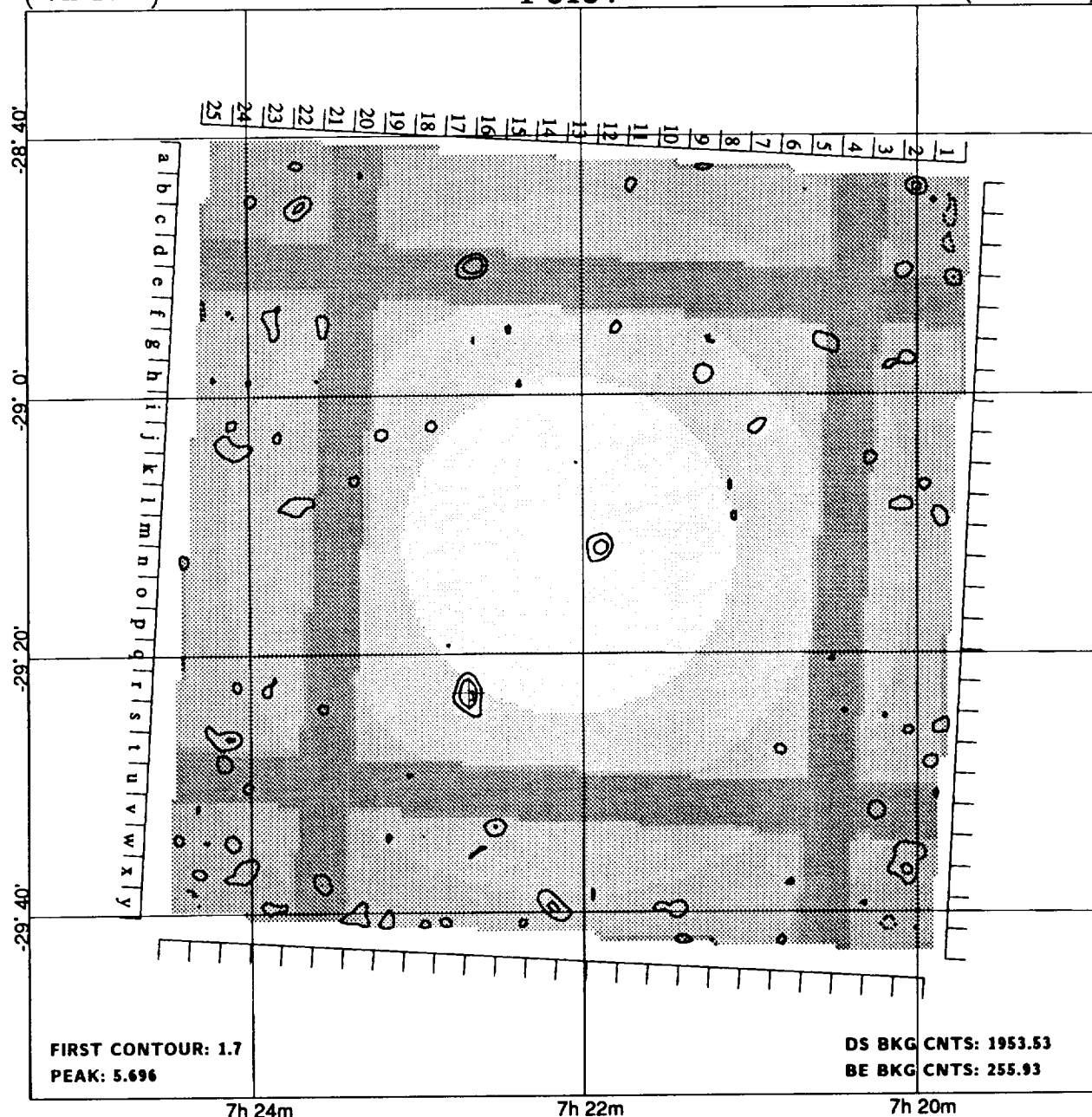
DATE: 1979/ 88 - 1979/ 88
LIVETIME: 2003.3s
ROLL ANGLE: 89.1°

NH: 4.7E+21
REF/ID:
FIELD FLAGS:

(7h 22m)

I 3134

(7h 22m)



CORONAL EMISSION FROM OB SUPERGIANTS: ETA CMA

FIELD CENTER: 07^h22^m07.0^s -29°12'17" (B1950)
07^h24^m05.7^s -29°18'13" (J2000)
ℓ: 242.62 b: -6.49

DATE: 1979/ 88 - 1979/ 88
LIVETIME: 1583.0s
ROLL ANGLE: 93.2°

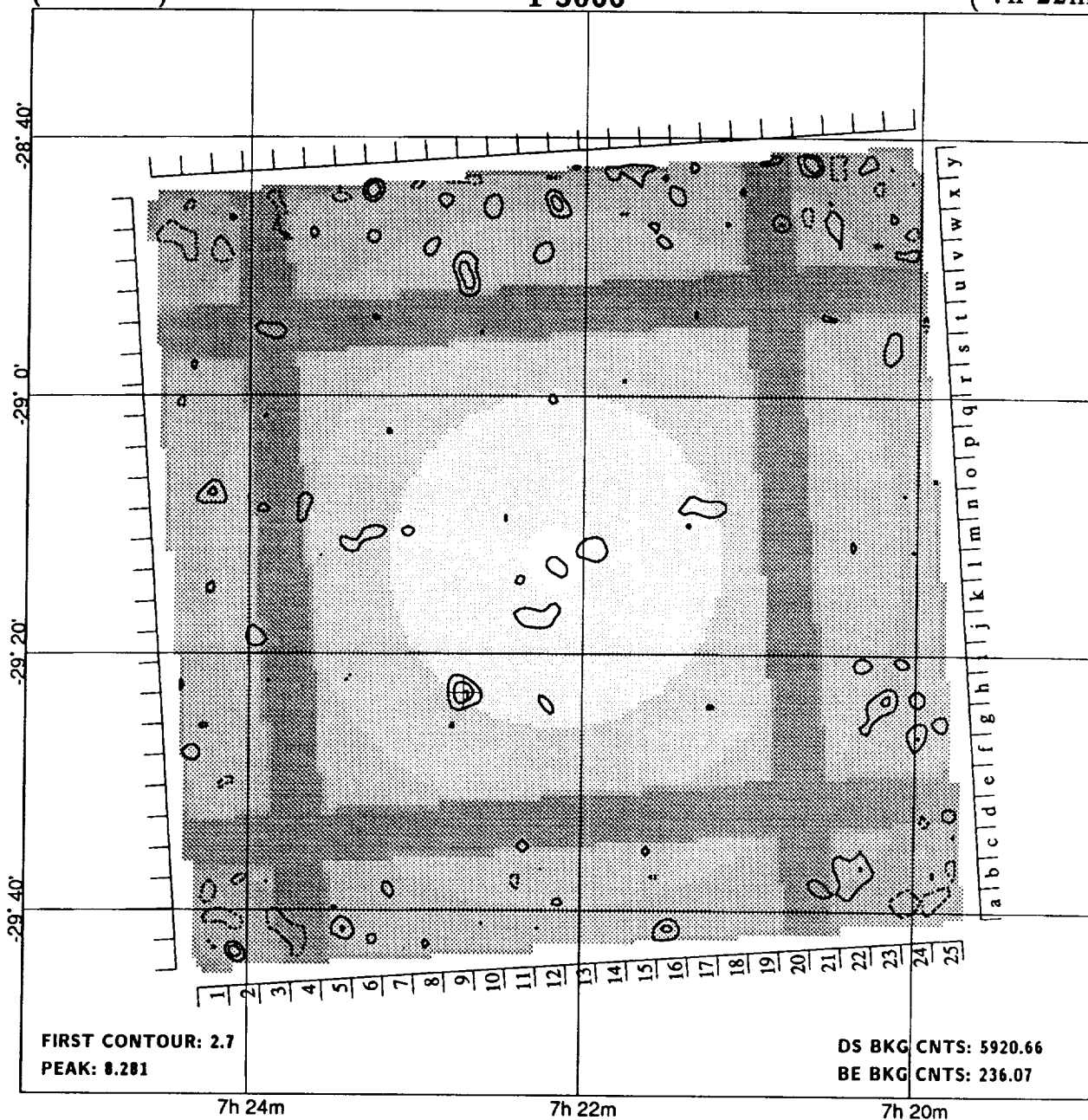
NH: 3.2E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1814	1	07 22 41.3	-29 23 03	44	0.0181	0.0049	17.5	4.5	3.7	0.8	0	13.2	A

(7h 22m)

I 5066

(7h 22m)



ETA CMA, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: $07^h 22^m 07.0^s$ $-29^\circ 12' 15''$ (B1950)
 $07^h 24^m 05.7^s$ $-29^\circ 18' 11''$ (J2000)
 $l: 242.62$ $b: -6.49$

DATE: 1979/284 - 1979/284

NH: 3.2E+21

LIVETIME: 4797.7s

REF/ID:

ROLL ANGLE: -93.9°

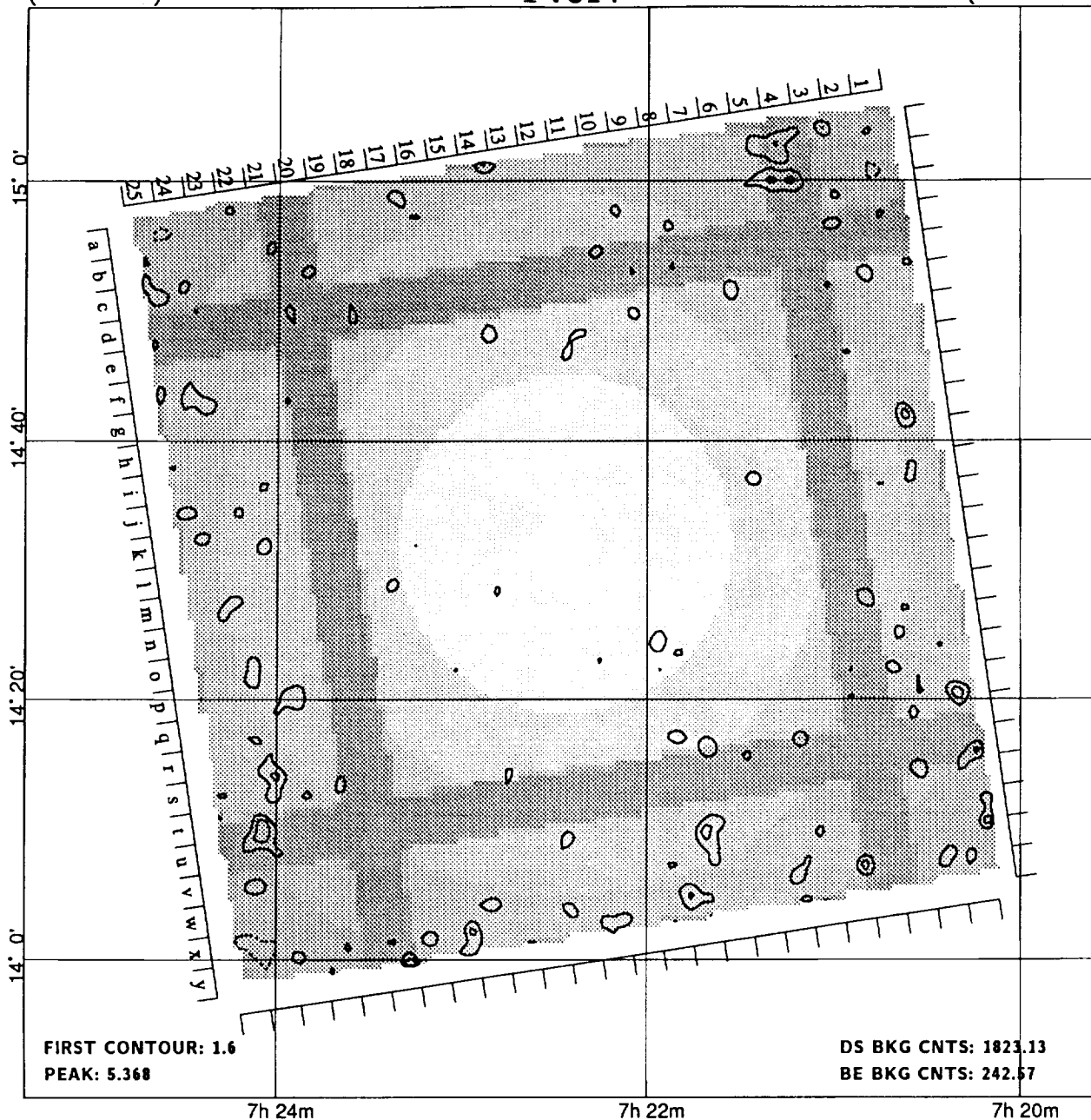
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1814	1	07 22 42.9	-29 23 03	42	0.0083	0.0021	25.1	13.9	4.0	0.7	0	13.1	AH	

(7h 22m)

I 7514

(7h 22m)



PKS 0722+145, IDENTIFICATION OF NEW BL LAC OBJECTS

FIELD CENTER: 07^h22^m28.0^s 14°31'16" (B1950)
07^h25^m17.8^s 14°25'18" (J2000)
 l : 203.64 b : 13.91

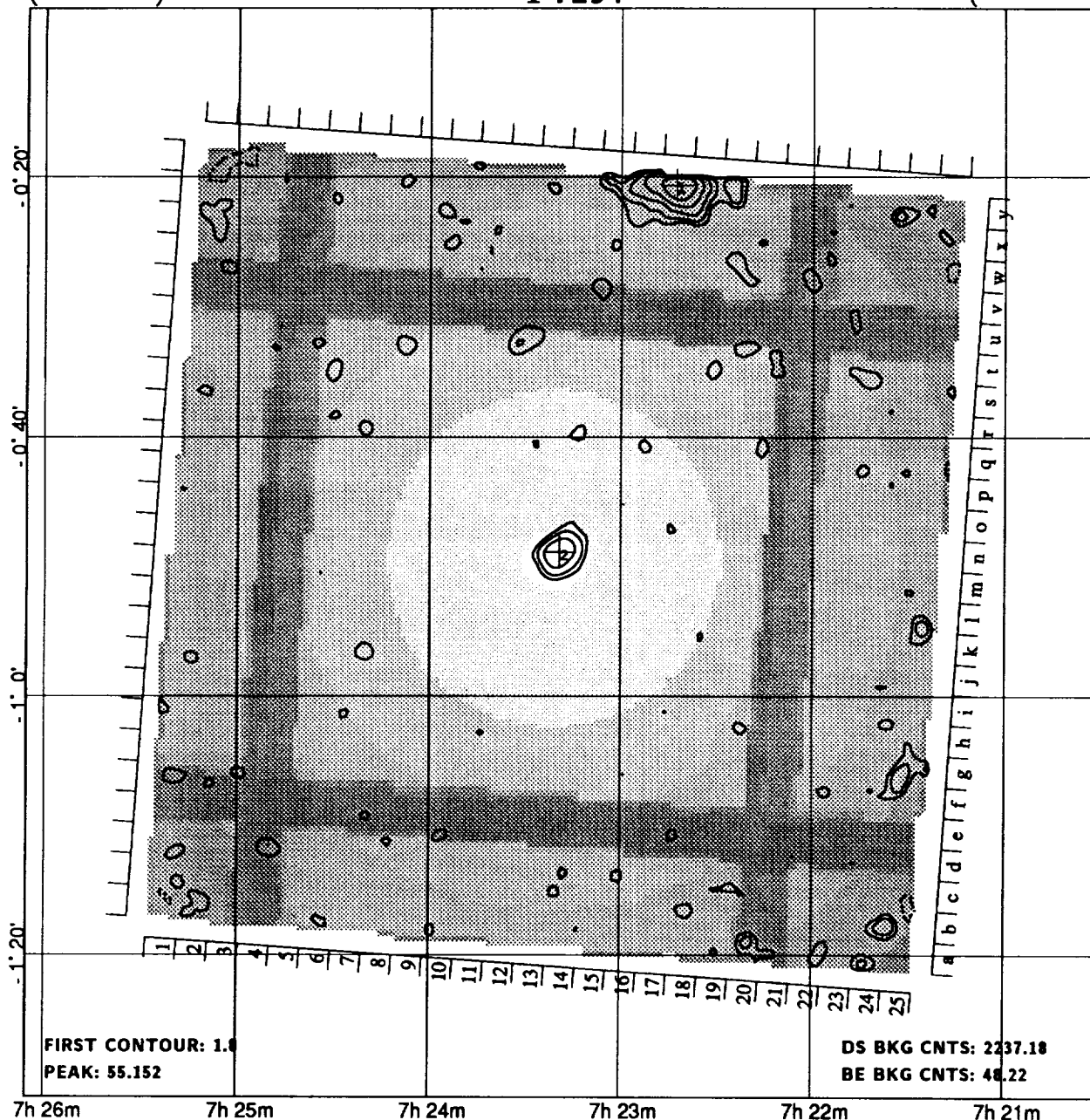
DATE: 1980/103 - 1980/103
LIVETIME: 1530.4s
ROLL ANGLE: 81.5°

NH: 8.0E+20
REF/ID:
FIELD FLAGS:

(7h 23m)

I 7294

(7h 23m)



0723-008, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: 07^h23^m17.6^s -00°48'59" (B1950)

DATE: 1980/281 - 1980/281

NH: 9.2E+20

07^h25^m50.4^s -00°55'01" (J2000)

LIVETIME: 1812.8s

REF/ID:

ℓ: 217.70 b: 7.23

ROLL ANGLE: -86.0°

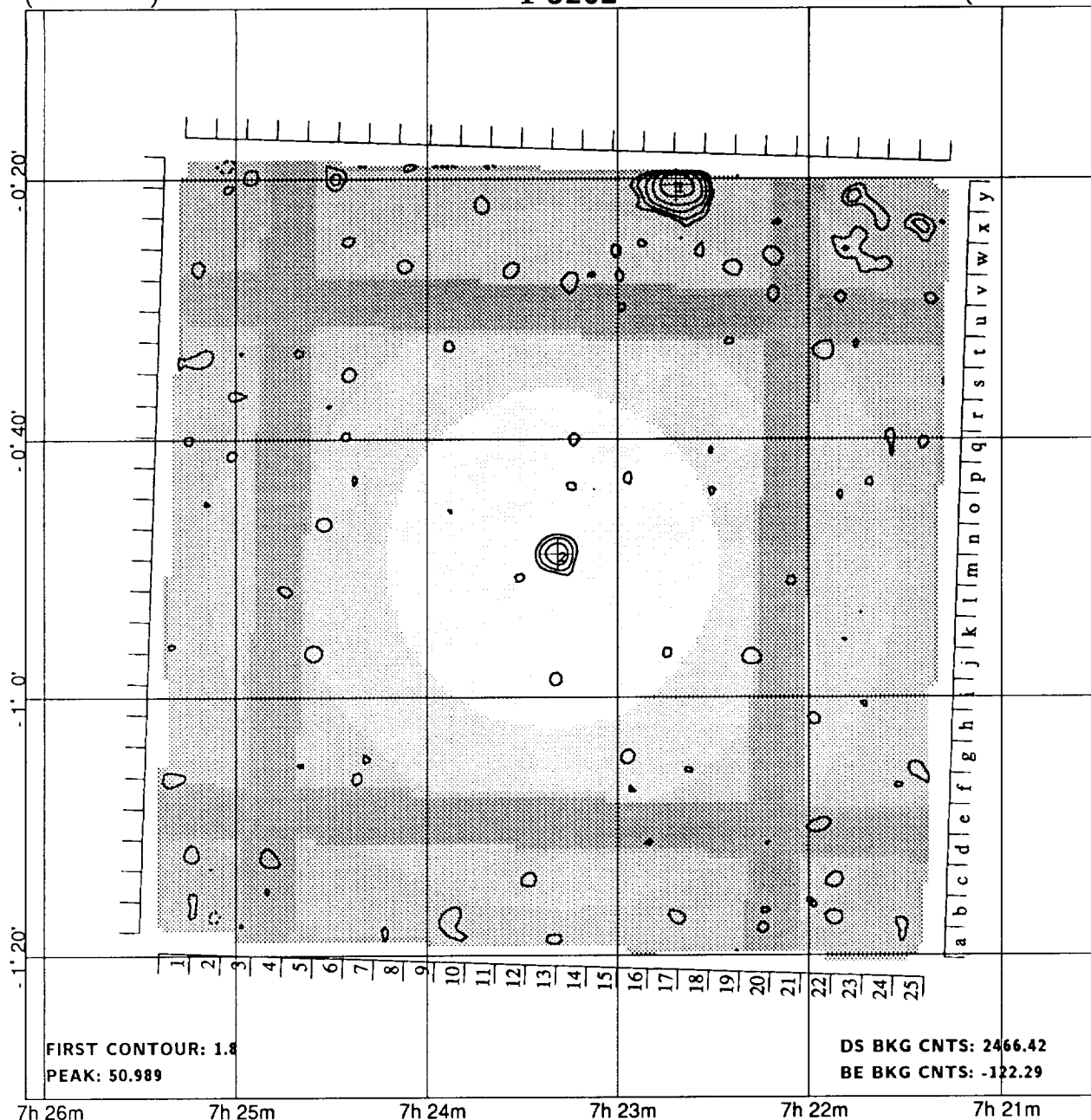
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1813	1	07 22 42.7	-00 20 40	48	*0.266 0.024	122.8	4.2	10.9	1.8	703	29.8	AEH	
1815	2	07 23 19.3	-00 48 46	35	0.0382 0.0056	51.6	5.4	6.8	1.2	0	0.6	AH	Q

(7h 23m)

I 3262

(7h 23m)



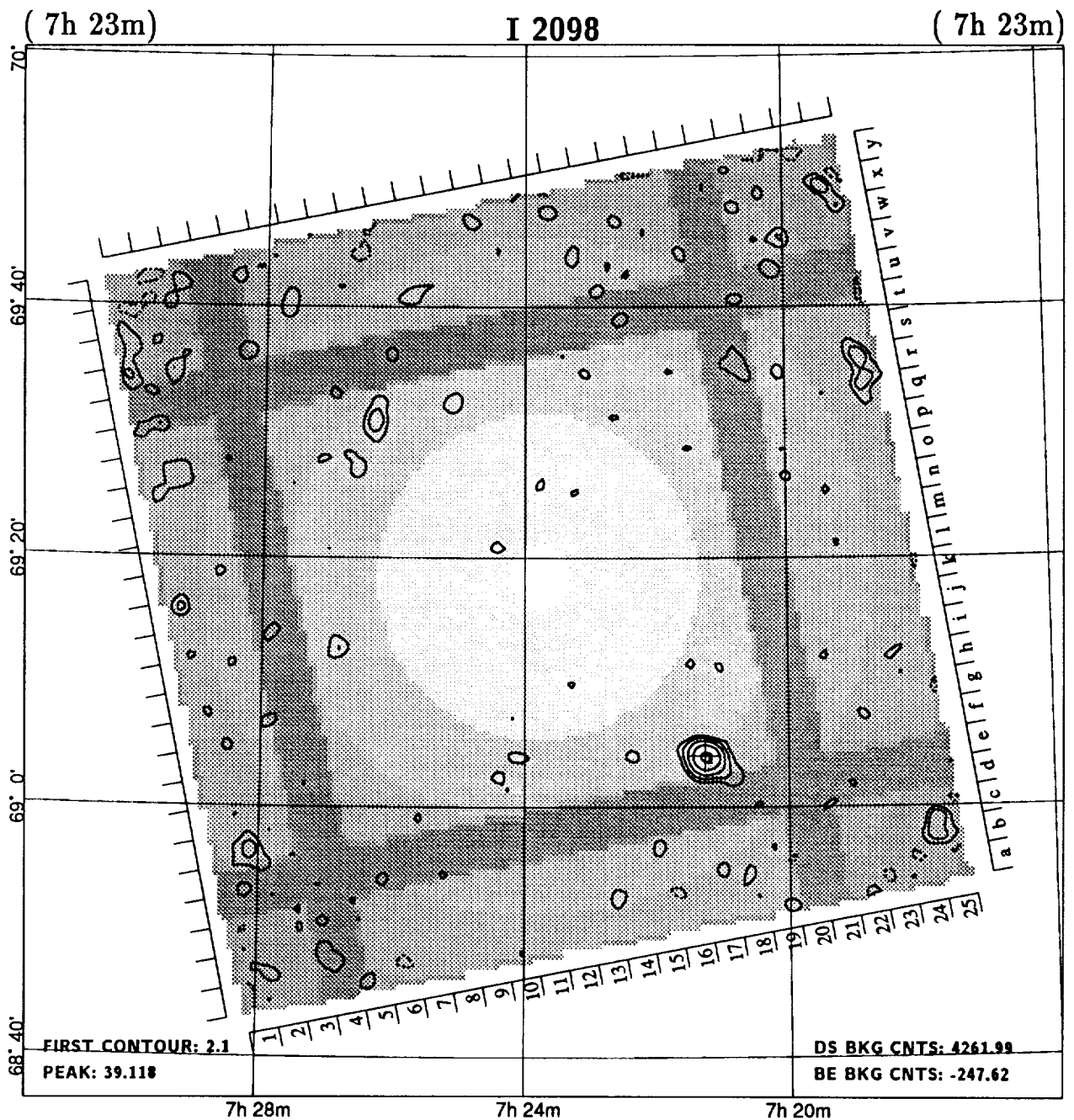
0723-00: EXTRAGALACTIC STRONG MILLIMETER SOURCES

FIELD CENTER: $07^h 23^m 17.8^s$ $-00^\circ 48' 54''$ (B1950)
 $07^h 25^m 50.6^s$ $-00^\circ 54' 56''$ (J2000)
 l : 217.70 b : 7.23

DATE: 1979/278 - 1979/278
 LIVETIME: 1998.6s
 ROLL ANGLE: -88.1°

NH: $9.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1813	1	07 22 41.7	-00 20 28	48	*0.181	0.017	114.0	4.0	10.5	1.3	703	29.8	AEH	
1815	2	07 23 18.7	-00 48 56	35	0.0325	0.0049	48.4	5.6	6.6	0.9	0	0.2	AH	Q



X-RAY SURVEY OF NORMAL GALAXIES: NGC2366

FIELD CENTER: 07^h23^m42.0^s 69°18'59" (B1950)
07^h28^m59.8^s 69°12'51" (J2000)
 ℓ : 146.42 b : 28.54

DATE: 1979/278 - 1979/279
LIVETIME: 3453.6s
ROLL ANGLE: -100.9°

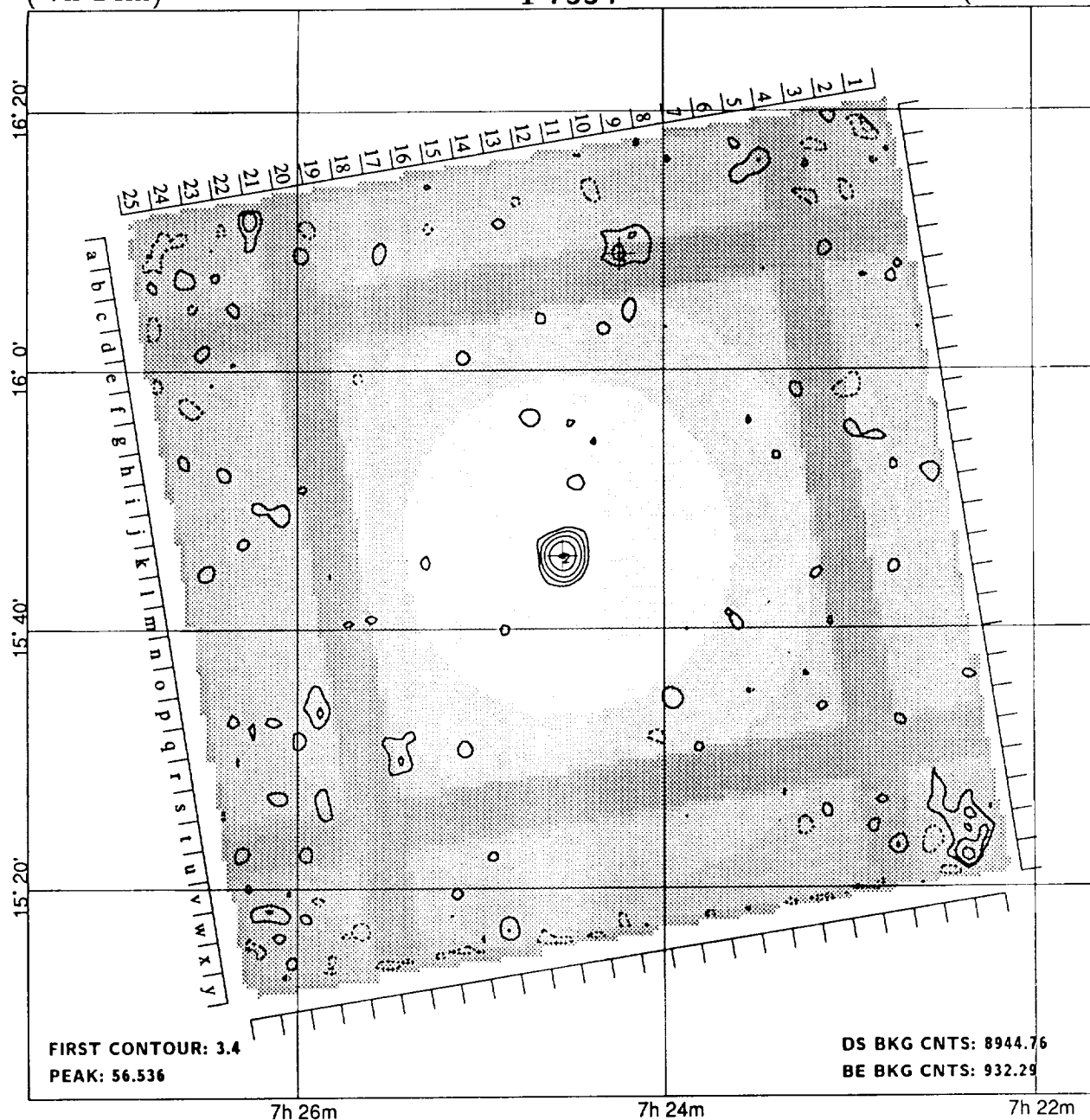
NH: 3.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1812	1	07 21 15.8	69 04 07	48	0.0557	0.0058	99.3	6.7	9.6	1.1	300	19.7	H	Q

(7h 24m)

I 7334

(7h 24m)



RY GEM, ALGOL-LIKE SYSTEM

FIELD CENTER: 07^h24^m33.5^s 15°45'51" (B1950)
 07^h27^m24.7^s 15°39'44" (J2000)
 ℓ : 202.70 b : 14.90

DATE: 1980/102 - 1980/114
 LIVETIME: 7508.5s
 ROLL ANGLE: 80.9°

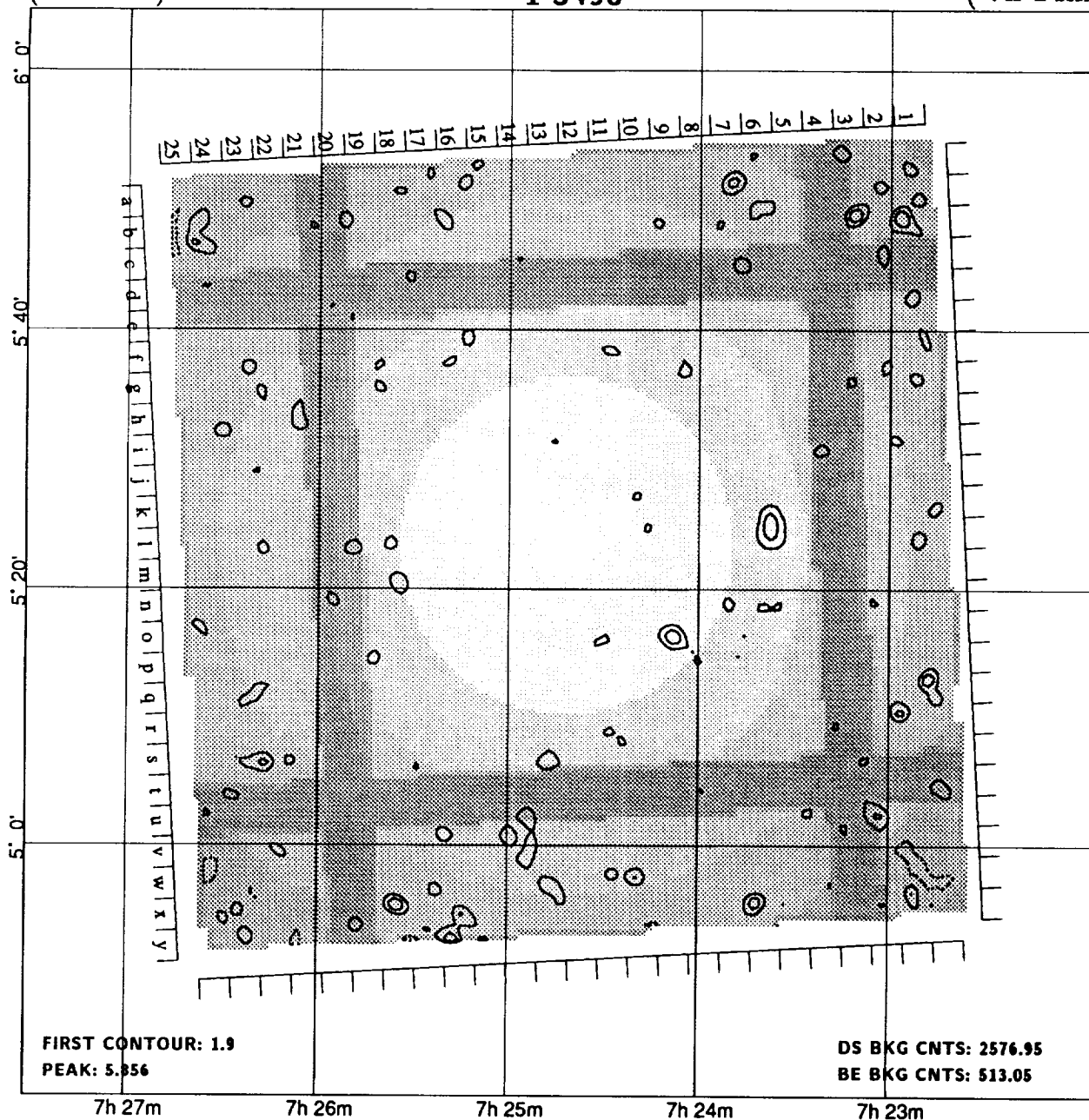
NH: 7.1E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1816	1	07 24 14.4	16 08 57	61	*0.0062	0.0017	21.4	12.6	3.7	1.4	1009	23.5	H	
1817	2	07 24 33.3	15 45 44	31	0.0402	0.0028	224.7	25.3	14.2	1.1	0	0.2	H	S

(7h 24m)

I 5498

(7h 24m)



DM+5 1668

FIELD CENTER: 07^h24^m43.0^s 05°22'41" (B1950)
07^h27^m22.5^s 05°16'34" (J2000)
ℓ: 212.30 b: 10.39

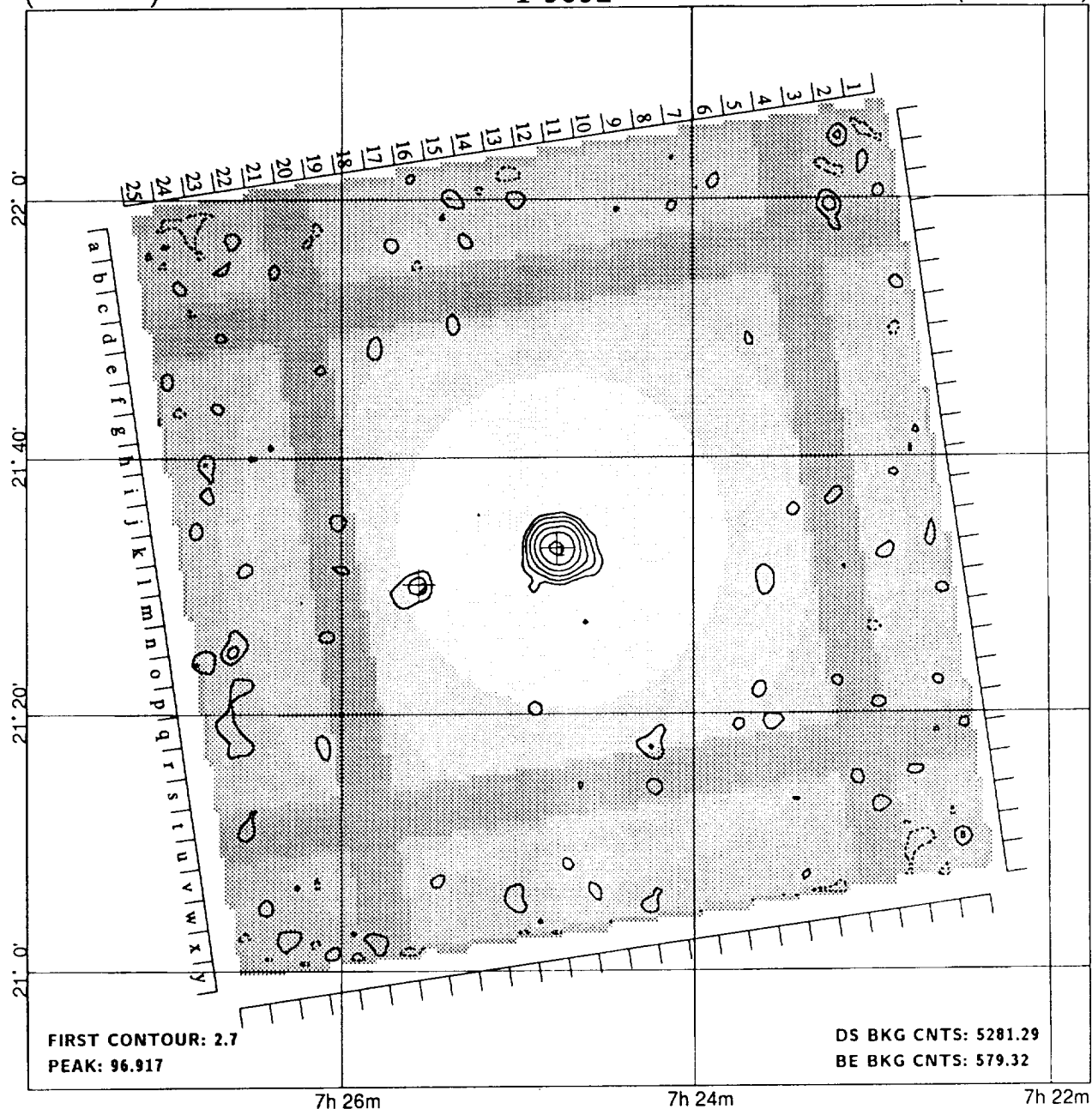
DATE: 1980/106 - 1980/106
LIVETIME: 2163.2s
ROLL ANGLE: 86.9°

NH: 1.1E+21
REF/ID:
FIELD FLAGS:

(7h 24m)

I 9692

(7h 24m)



F0-G5 STARS: HR 2846

FIELD CENTER: 07^h24^m46.4^s 21°32'56" (B1950)
 07^h27^m44.6^s 21°26'48" (J2000)
 l : 197.23 b : 17.30

DATE: 1981/ 76 - 1981/ 76
 LIVETIME: 4279.6s
 ROLL ANGLE: 81.8°

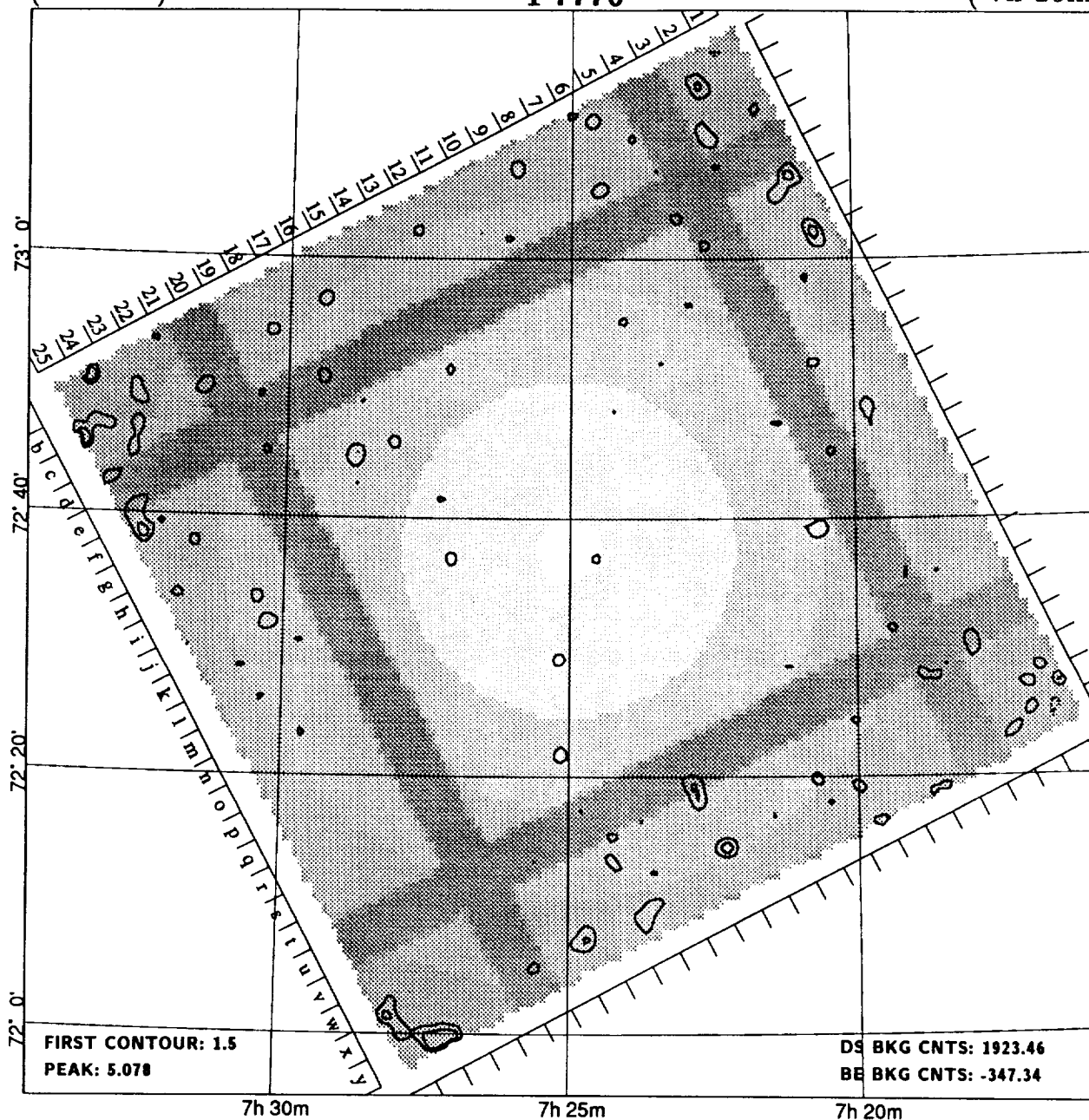
NH: 6.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1818	1	07 24 46.5	21 32 58	31	0.1392	0.0067	443.9	15.1	20.7	1.3	0	0.2	H	S
1819	2	07 25 33.7	21 30 05	43	0.0099	0.0023	27.1	11.9	4.3	0.9	0	11.4	H	

(7h 25m)

I 7770

(7h 25m)



VV 141, KNOTS IN IRREGULAR GALAXIES

FIELD CENTER: $07^h 25^m 06.1^s$ $72^\circ 37' 18''$ (B1950)
 $07^h 30^m 57.1^s$ $72^\circ 31' 02''$ (J2000)
 $l: 142.66$ $b: 28.74$

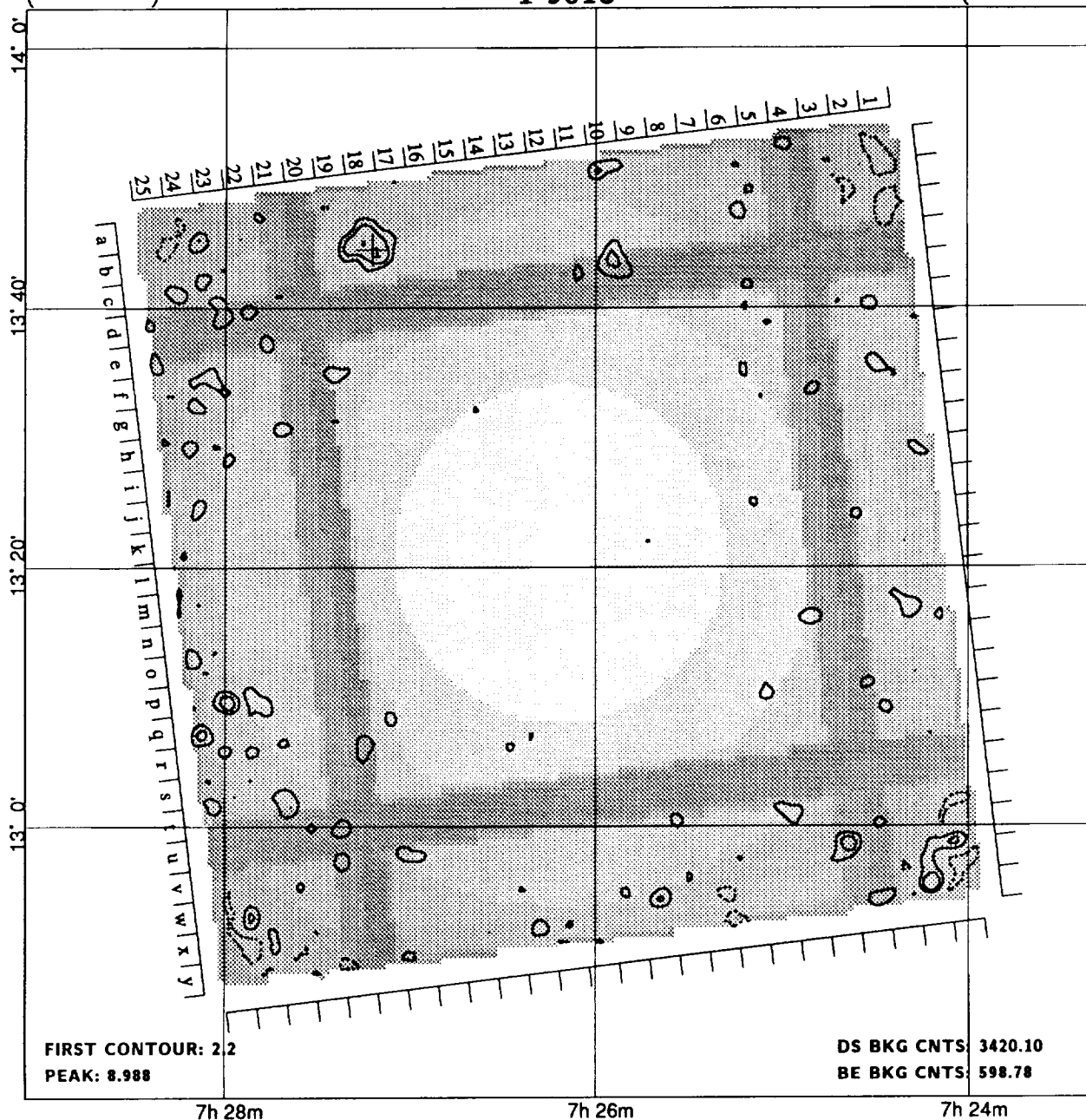
DATE: 1980/ 71 - 1980/ 71
 LIVETIME: 1558.6s
 ROLL ANGLE: 62.3°

NH: $3.2E+20$
 REF/ID:
 FIELD FLAGS:

(7h 26m)

I 9013

(7h 26m)



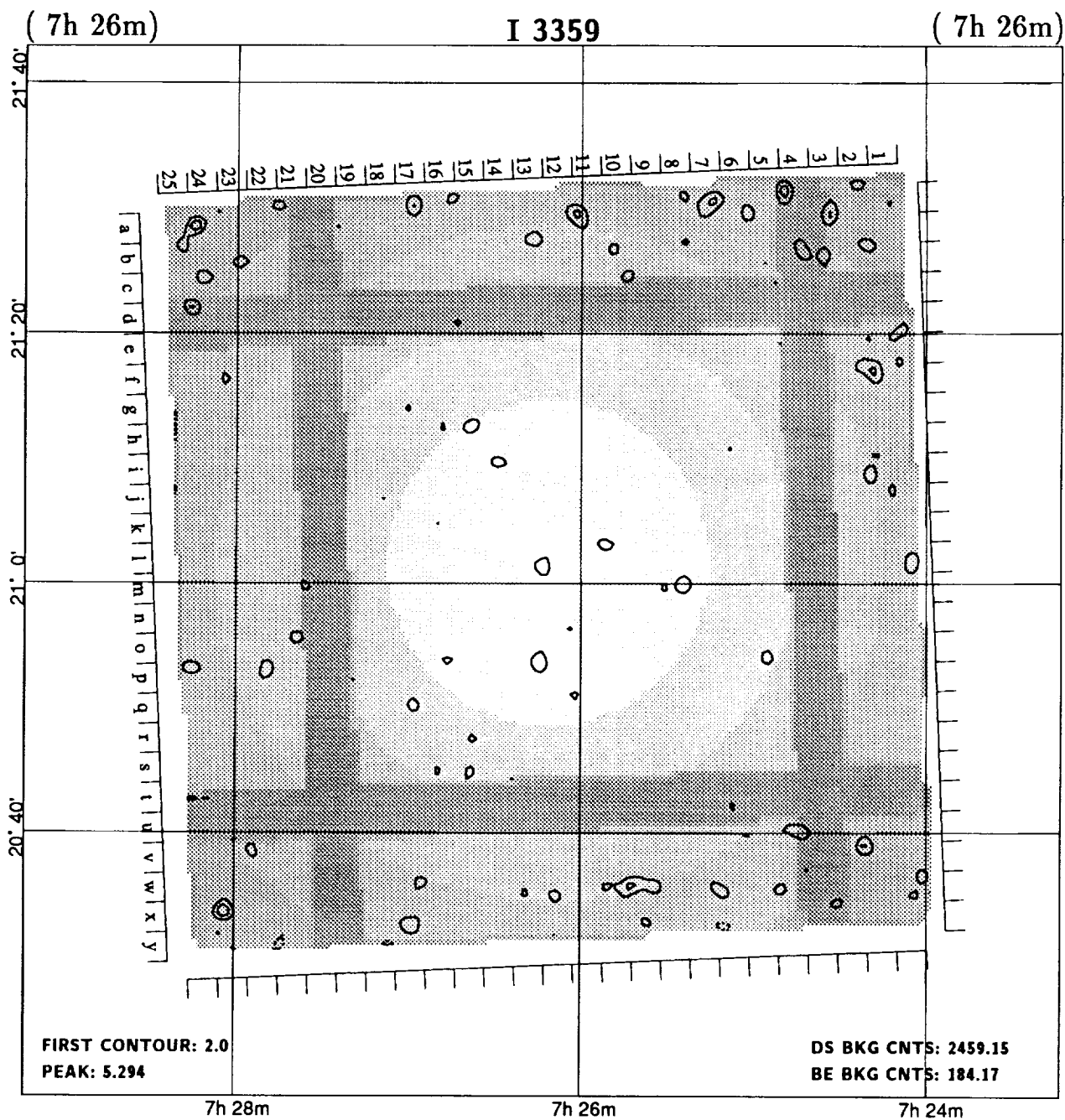
A 21: OLD PLANETARY NEBULAE W/ STELLAR WIND

FIELD CENTER: 07^h26^m12.0^s 13°20'59" (B1950)
 07^h29^m00.4^s 13°14'46" (J2000)
 l : 205.14 b : 14.23

DATE: 1981/ 89 - 1981/ 89
 LIVETIME: 2771.4s
 ROLL ANGLE: 83.2°

NH: 7.1E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1820	1	07 27 12.6	13 44 30	55	0.0210	0.0050	22.5	6.5	4.2	1.3	0	28.5	H

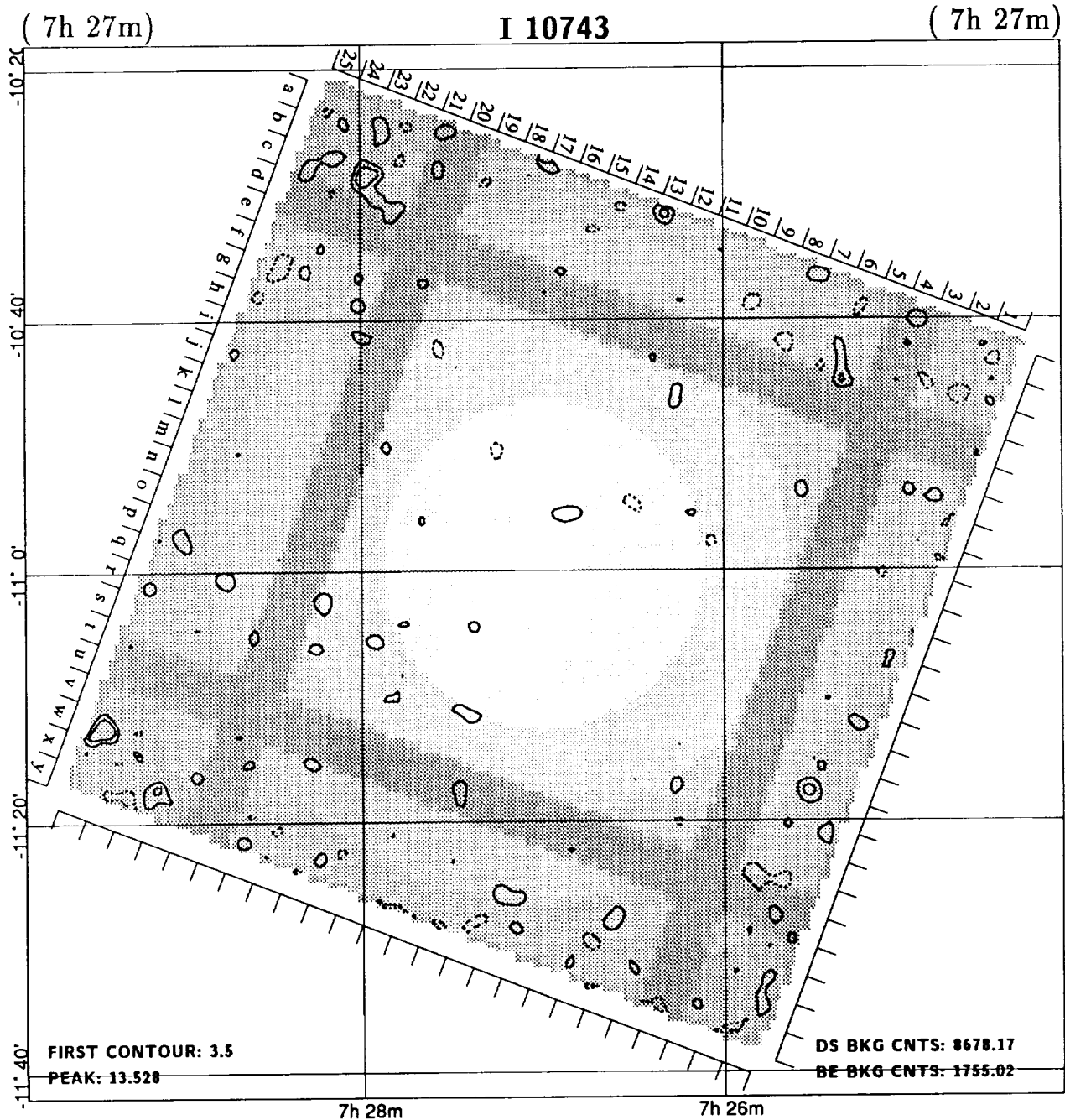


NGC 2392: EXPANDING STELLAR ATMOSPHERES

FIELD CENTER: 07^h26^m13.0^s 21°00'56" (B1950)
07^h29^m10.5^s 20°54'42" (J2000)
 l : 197.88 b : 17.40

DATE: 1979/ 99 - 1979/ 99
LIVETIME: 1992.7s
ROLL ANGLE: 87.6°

NH: 6.0E+20
REF/ID:
FIELD FLAGS:



FIELD CENTER: 07^h27^m00.0^s -10°59'59'' (B1950)
07^h29^m21.6^s -11°06'16'' (J2000)
 ℓ : 227.14 b : 3.21

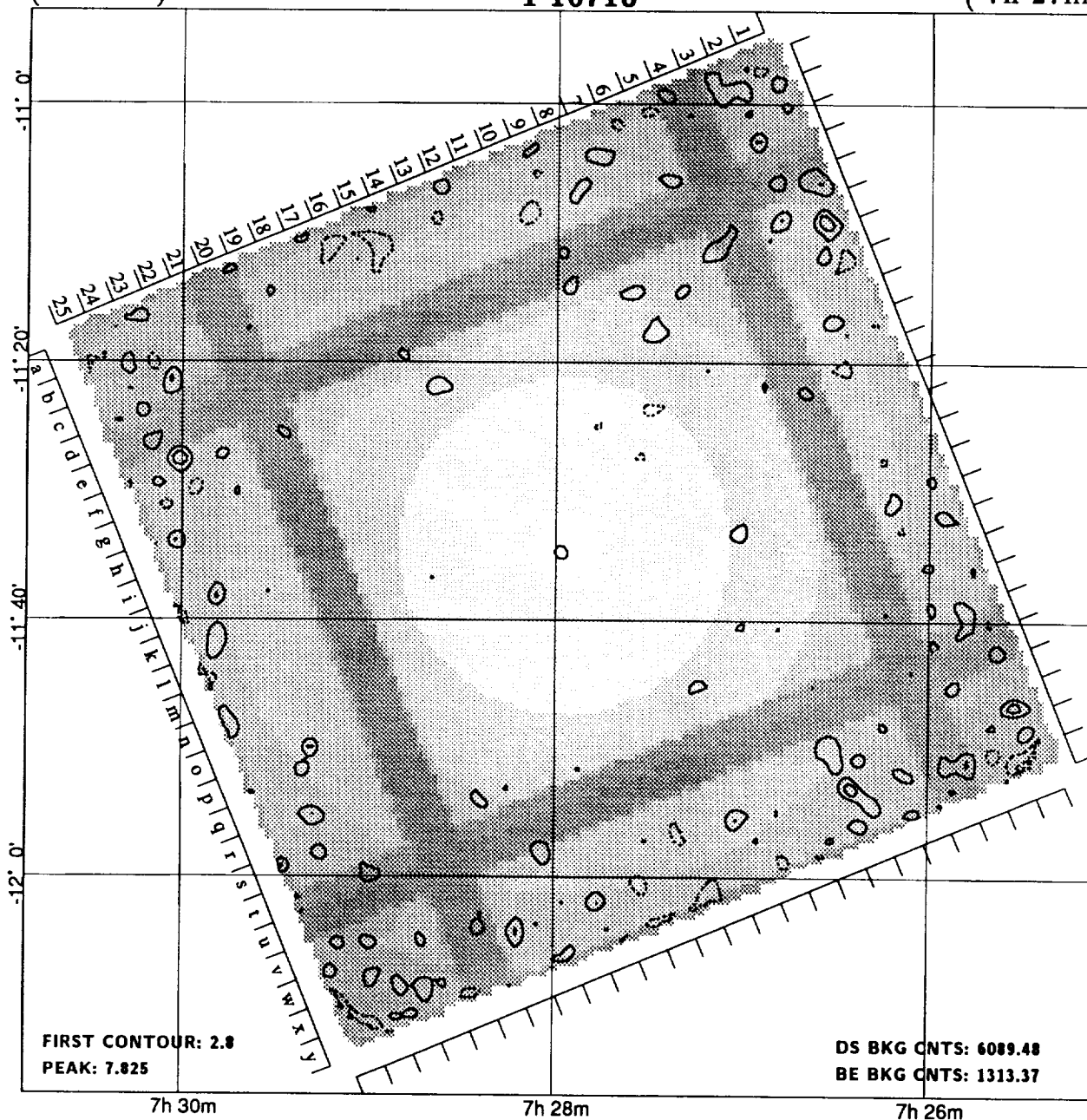
DATE: 1981/113 - 1981/114
LIVETIME: 7032.2s
ROLL ANGLE: 110.8°

NH: 4.0E+21
REF/ID:
FIELD FLAGS:

(7h 27m)

I 10718

(7h 27m)

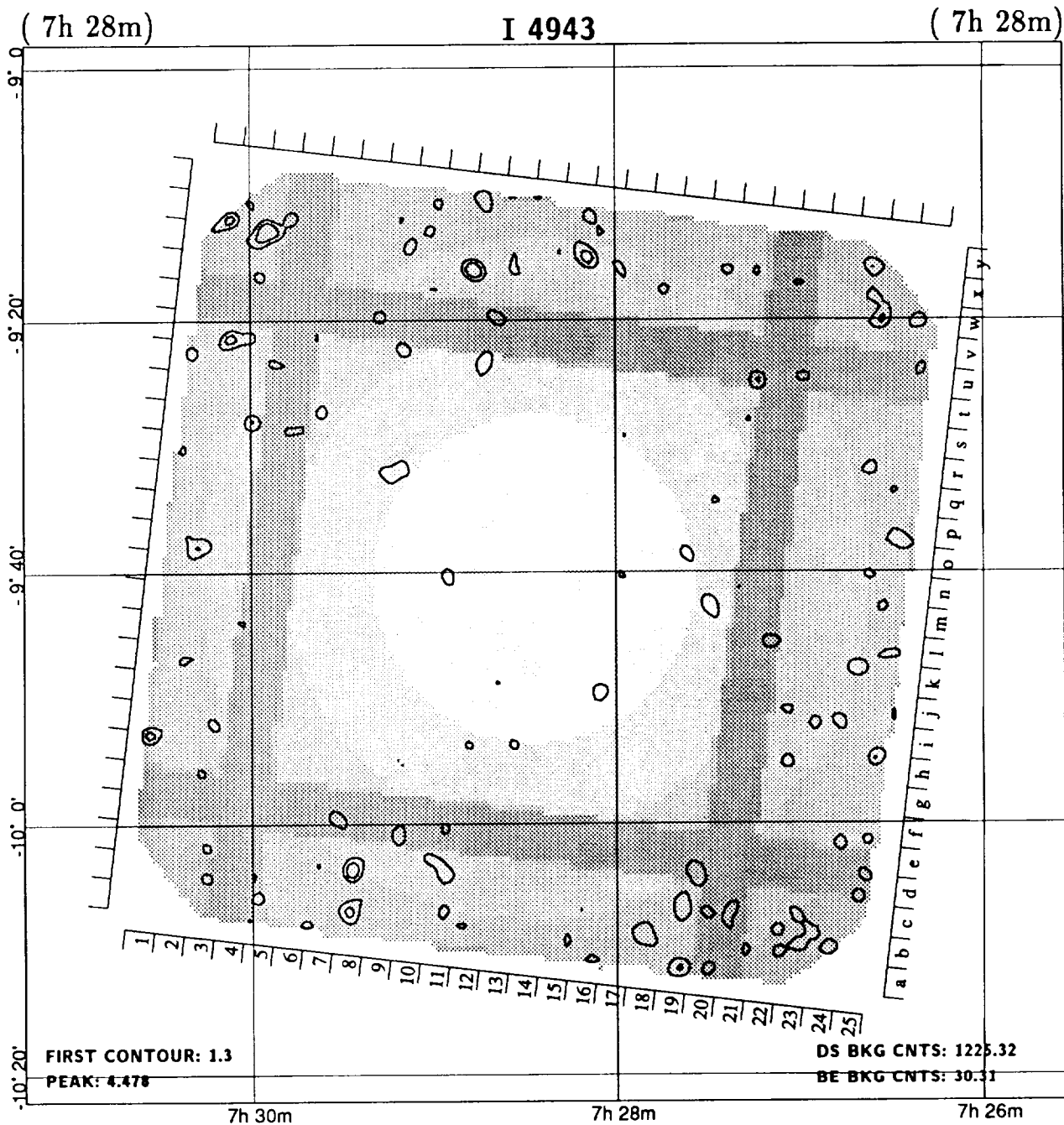


0727-115: Extragalactic variable radio source

FIELD CENTER: 07^h27^m58.1^s -11°34'51" (B1950)
07^h30^m19.1^s -11°41'11" (J2000)
 ℓ : 227.77 b : 3.14

DATE: 1981/ 96 - 1981/ 96
LIVETIME: 4934.5s
ROLL ANGLE: 67.6°

NH: 4.1E+21
REF/ID:
FIELD FLAGS:



SELECTED SINGLE STARS: U MON (HD 59693)

FIELD CENTER: 07^h28^m24.0^s -09°40'11" (B1950)
07^h30^m47.1^s -09°46'33" (J2000)
 l : 226.14 b : 4.15

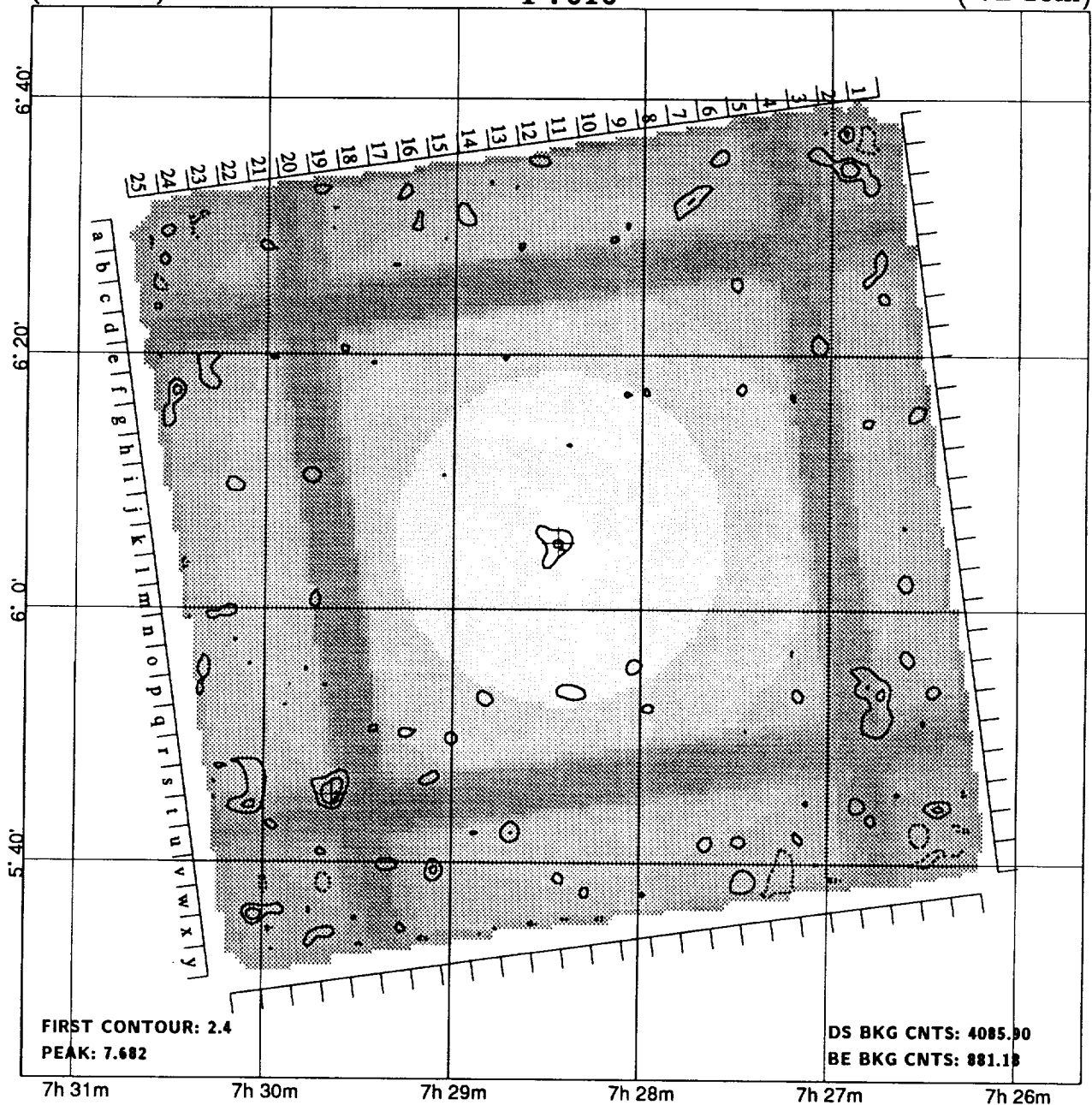
DATE: 1980/279 - 1980/279
LIVETIME: 992.9s
ROLL ANGLE: -83.2°

NH: 3.8E+21
REF/ID:
FIELD FLAGS:

(7h 28m)

I 7616

(7h 28m)



FIELD CENTER: 07^h28^m27.0^s 06°05'05" (B1950)
07^h31^m07.2^s 05°58'43" (J2000)
 l : 212.08 b : 11.54

DATE: 1980/106 - 1980/106
LIVETIME: 3429.8s
ROLL ANGLE: 82.1°

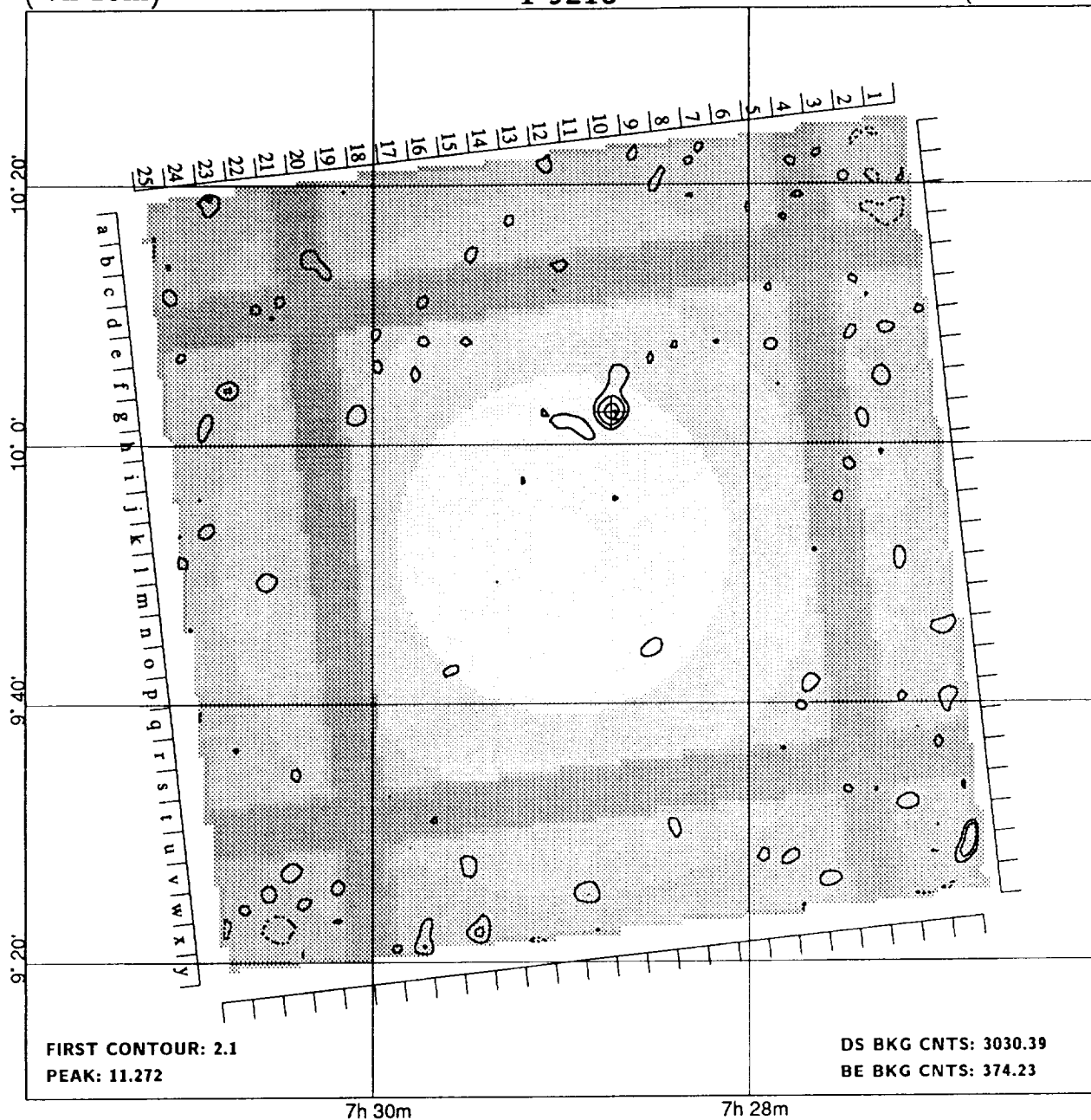
NH: 9.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1821	1	07 28 26.6	06 05 13	39	0.0085	0.0023	21.8	12.2	3.7	0.9	0	0.2	
1824	2	07 29 38.3	05 45 23	56	*0.0133	0.0036	18.1	5.9	3.7	0.8	1207	26.6	

(7h 29m)

I 9218

(7h 29m)



UNIDENTIFIED 3A SOURCES: 3A 0729+103

FIELD CENTER: $07^{\text{h}}29^{\text{m}}00.0^{\text{s}}$ $09^{\circ}51'35''$ (B1950)
 $07^{\text{h}}31^{\text{m}}44.4^{\text{s}}$ $09^{\circ}45'10''$ (J2000)
 $l: 208.68$ $b: 13.34$

DATE: 1981/ 89 - 1981/ 89
 LIVETIME: 2455.6s
 ROLL ANGLE: 83.8°

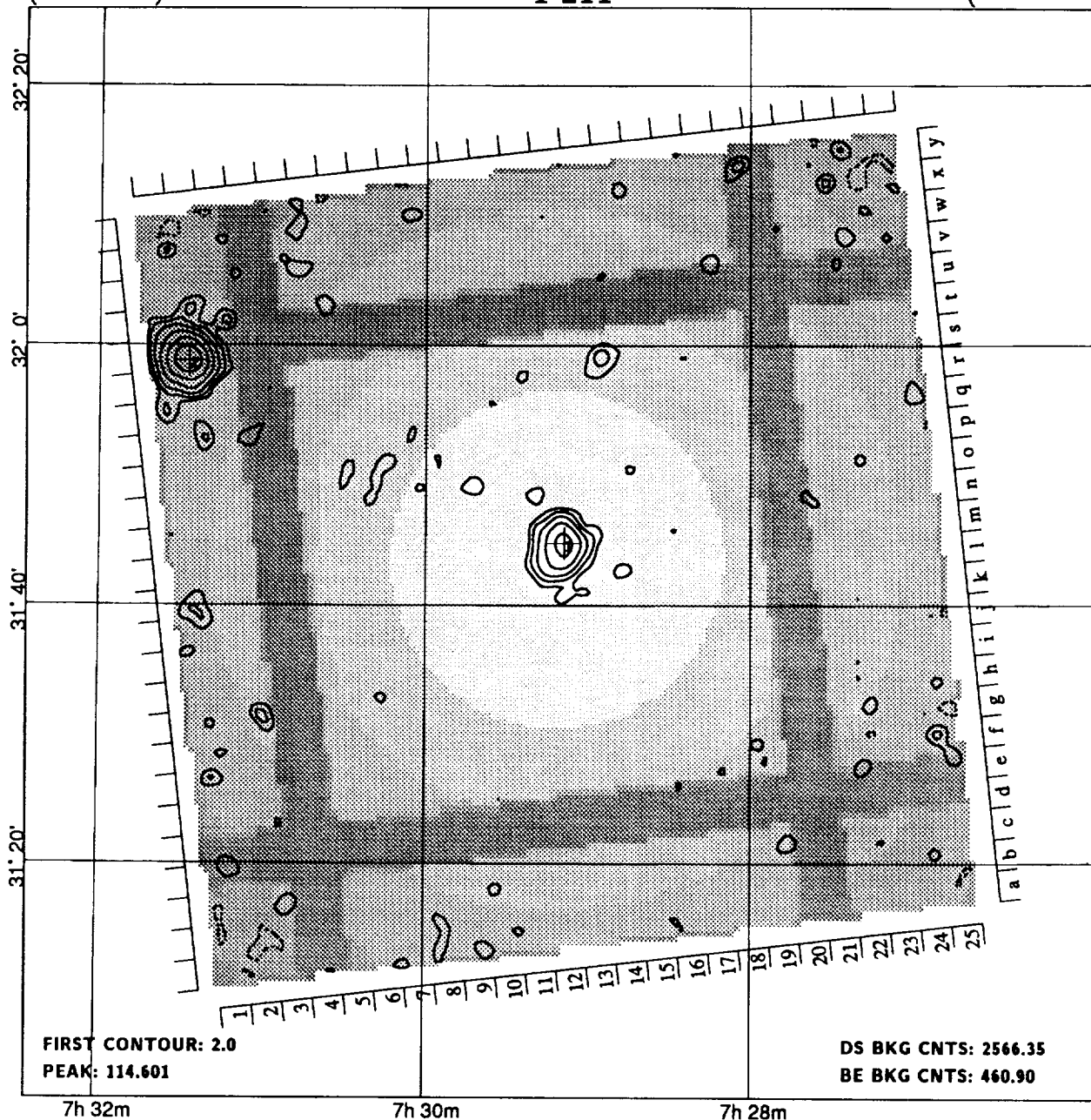
NH: $7.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1822	1	07 28 43.8	10 02 31	41	0.0189	0.0038	30.4	7.6	4.9	0.9	0	11.7	H	

(7h 29m)

I 211

(7h 29m)



A 586 CLUSTER EVOLUTION

FIELD CENTER: 07^h29^m09.0^s 31°43'59" (B1950)
07^h32^m20.8^s 31°37'33" (J2000)
 l : 187.54 b : 21.94

DATE: 1979/299 - 1979/299
LIVETIME: 2079.6s
ROLL ANGLE: -96.5°

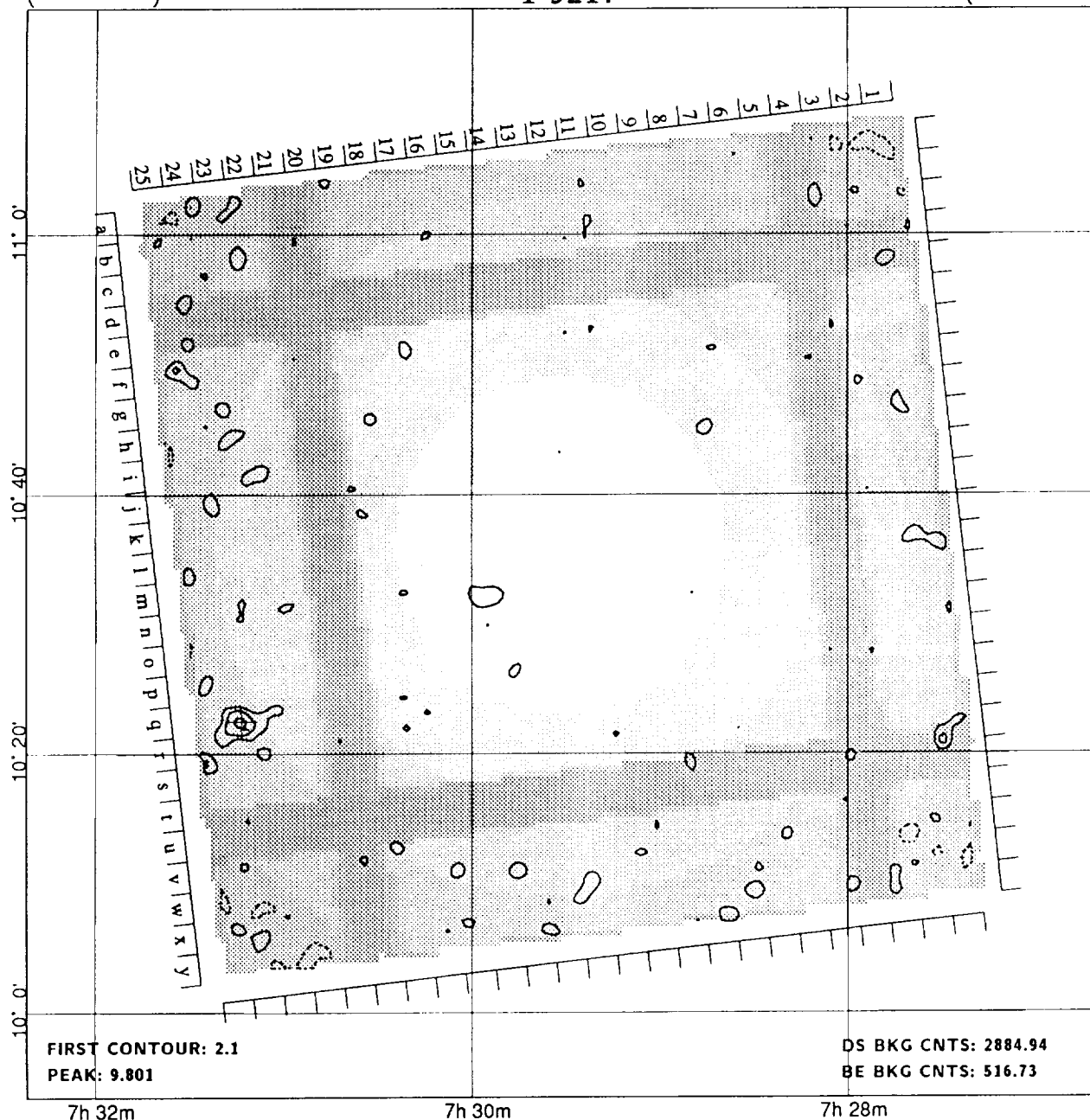
NH: 5.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1823	1	07 29 08.8	31 44 45	31	0.1123	0.0087	173.4	7.6	12.9	1.5	0	0.7	H	CLG
1827	2	07 31 27.3	31 58 48	47	*0.294	0.022	187.6	3.4	13.6	1.5	1309	32.9	AH	S

(7h 29m)

I 9217

(7h 29m)



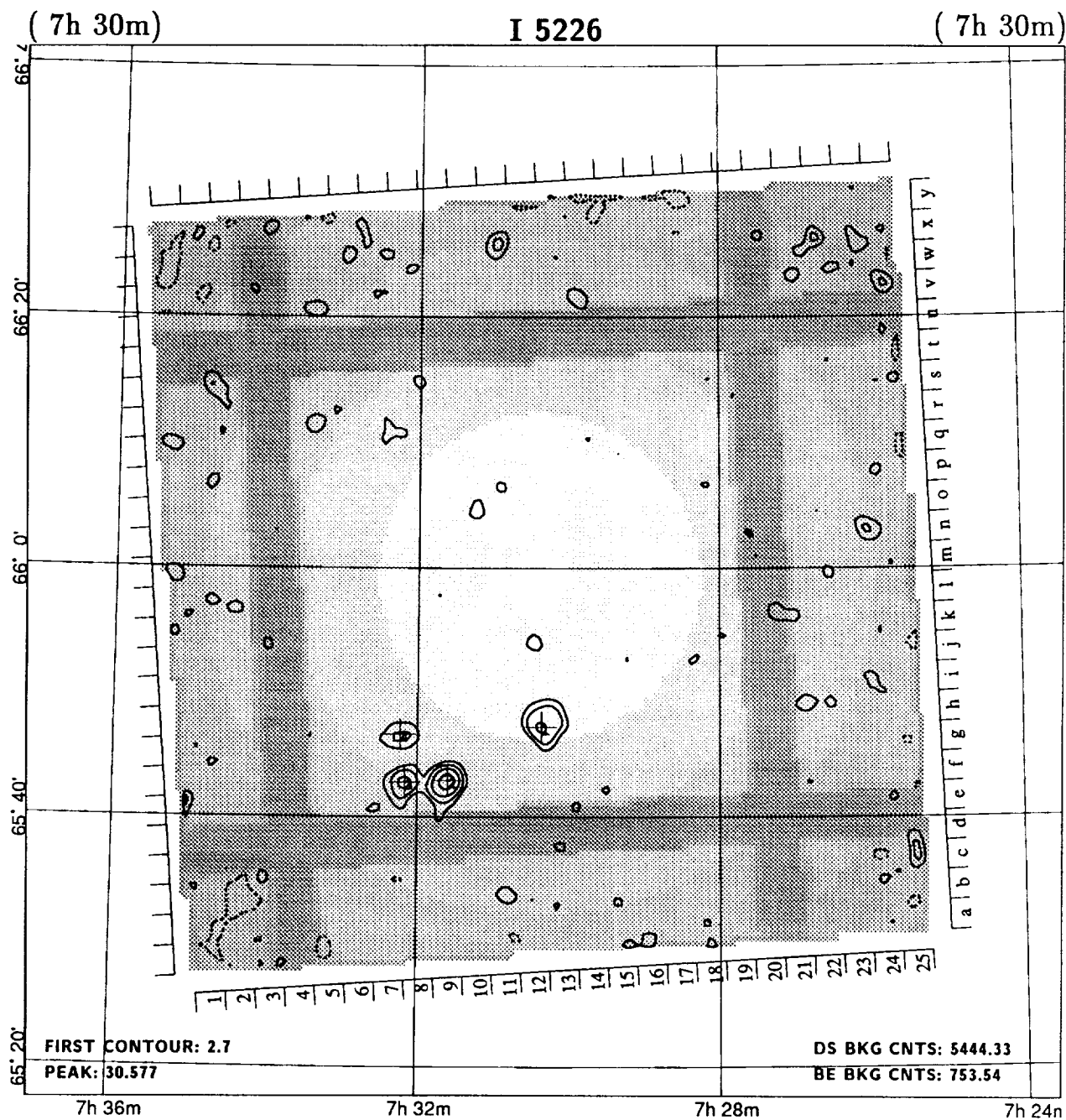
UNIDENTIFIED 3A SOURCES:3A 0729+103

FIELD CENTER: $07^h 29^m 31.2^s$ $10^\circ 35' 23''$ (B1950)
 $07^h 32^m 16.4^s$ $10^\circ 28' 56''$ (J2000)
 $l: 208.06$ $b: 13.77$

DATE: 1981/ 89 - 1981/ 89
 LIVETIME: 2337.7s
 ROLL ANGLE: 83.5°

NH: $6.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1826	1	07 31 13.7	10 22 27	55	0.0190	0.0054	16.5	5.5	3.5	1.0	0	28.3	H



QSO 0730+65W1,RADIO WEAK QUASARS

FIELD CENTER: 07^h30^m18.7^s 65°59'42" (B1950)
07^h35^m09.9^s 65°53'07" (J2000)
 l : 150.24 b : 29.02

DATE: 1979/291 - 1979/292
LIVETIME: 4411.7s
ROLL ANGLE: -93.5°

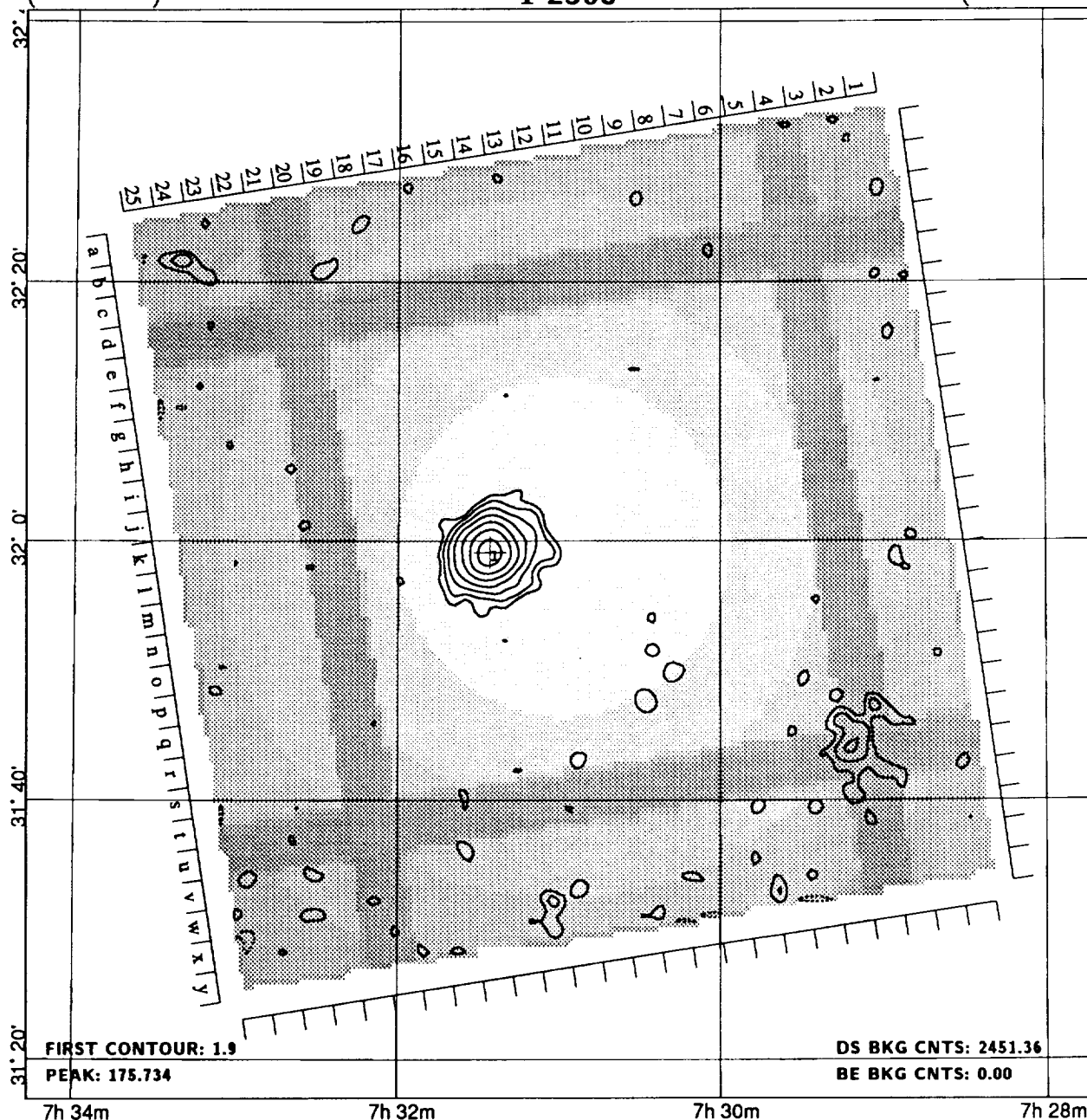
NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1825	1	07 30 21.7	65 47 15	41	0.0159	0.0027	45.1	12.9	5.9	1.2	0	12.1	AH	S
1828	2	07 31 36.1	65 42 56	48	0.0321	0.0039	77.0	12.0	8.2	1.3	0	18.5	AH	
1830	3	07 32 09.8	65 42 48	51	0.0147	0.0030	33.6	12.4	4.9	3.0	0	20.2	AH	G
1831	4	07 32 13.9	65 46 40	55	0.0088	0.0024	21.7	12.3	3.7	0.7	0	17.6	AH	

(7h 31m)

I 2308

(7h 31m)



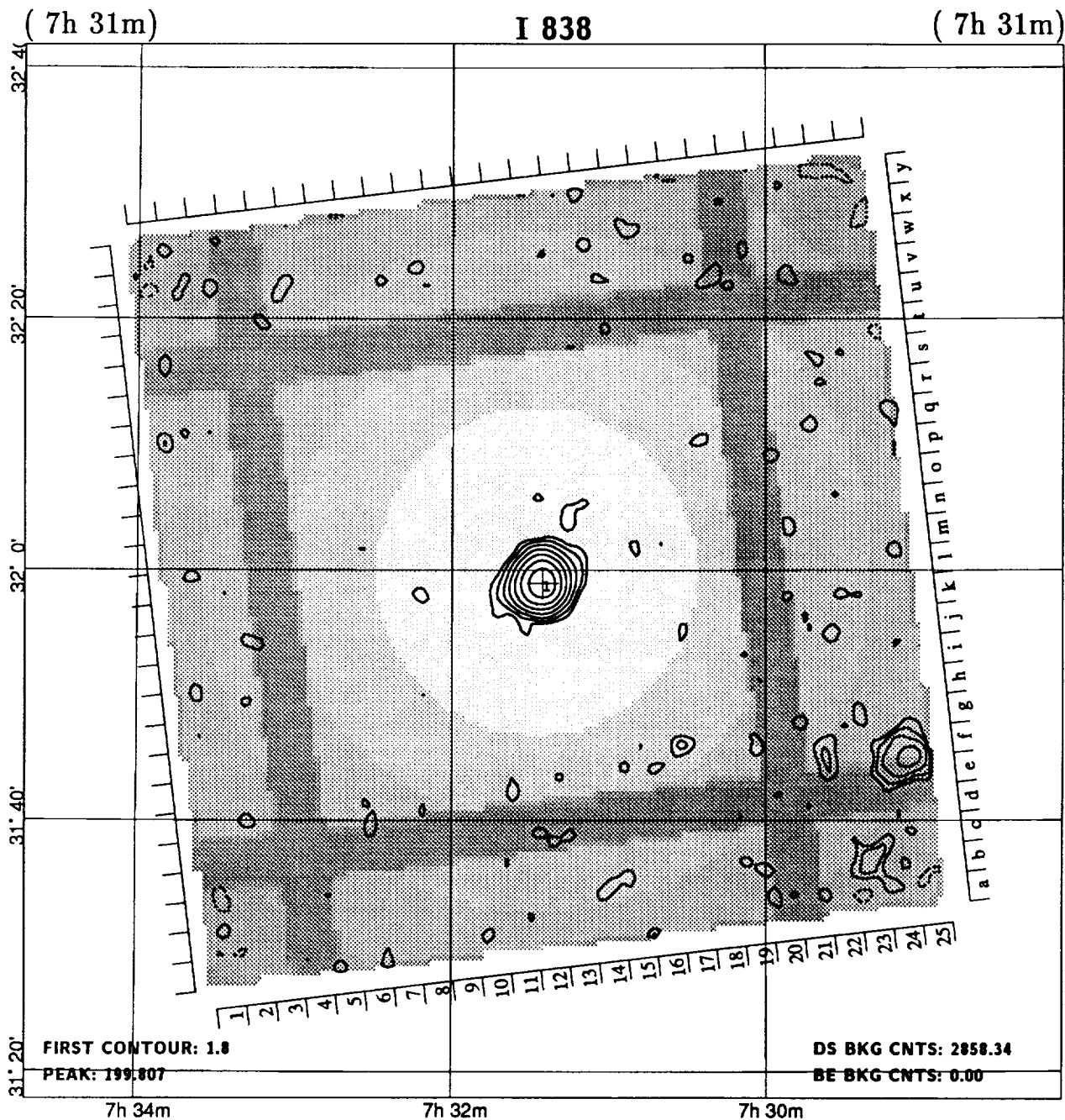
YY GEM: STELLAR SURVEY: RS CVN AND BY DRA STARS

FIELD CENTER: $07^h 31^m 00.0^s$ $31^\circ 58' 59''$ (B1950)
 $07^h 34^m 12.0^s$ $31^\circ 52' 25''$ (J2000)
 $l: 187.43$ $b: 22.39$

DATE: 1979/102 - 1979/102
 LIVETIME: 1986.4s
 ROLL ANGLE: 81.4°

NH: $5.5E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1827	1L	07 31 25.8	31 59 06	37	0.433	0.023	608.1	185.9	18.4	1.7	0	5.5	A	S



ALPHA GEM (CASTOR) STELLAR OBSERVATIONS, A STARS

FIELD CENTER: $07^h 31^m 24.7^s$ $31^\circ 59' 57''$ (B1950)
 $07^h 34^m 36.7^s$ $31^\circ 53' 22''$ (J2000)
 $l: 187.44$ $b: 22.48$

DATE: 1979/299 - 1979/299
 LIVETIME: 2316.2s
 ROLL ANGLE: -96.7°

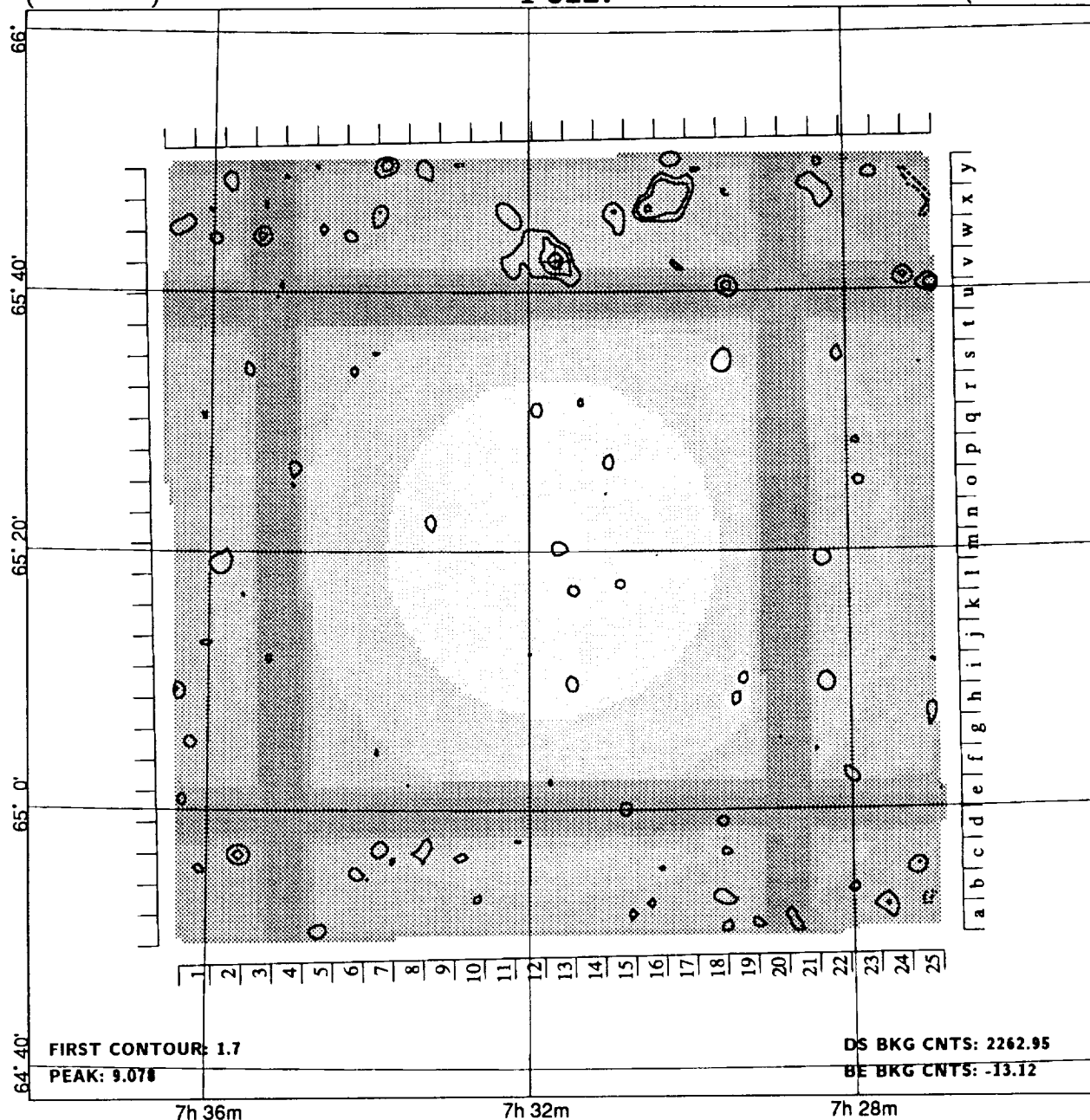
NH: $5.5E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1827	1L	07 31 25.4	31 58 59	31	0.464	0.021	799.0	157.0	22.4	1.4	0	0.9	A	S

(7h 31m)

I 5227

(7h 31m)



QSO 0731+65W1, RADIO WEAK QUASARS

FIELD CENTER: 07^h31^m35.0^s 65°19'52" (B1950)
07^h36^m21.8^s 65°13'13" (J2000)
ℓ: 151.00 b: 29.12

DATE: 1979/291 - 1979/291

LIVETIME: 1833.7s

ROLL ANGLE: -90.8°

NH: 4.0E+20

REF/ID:

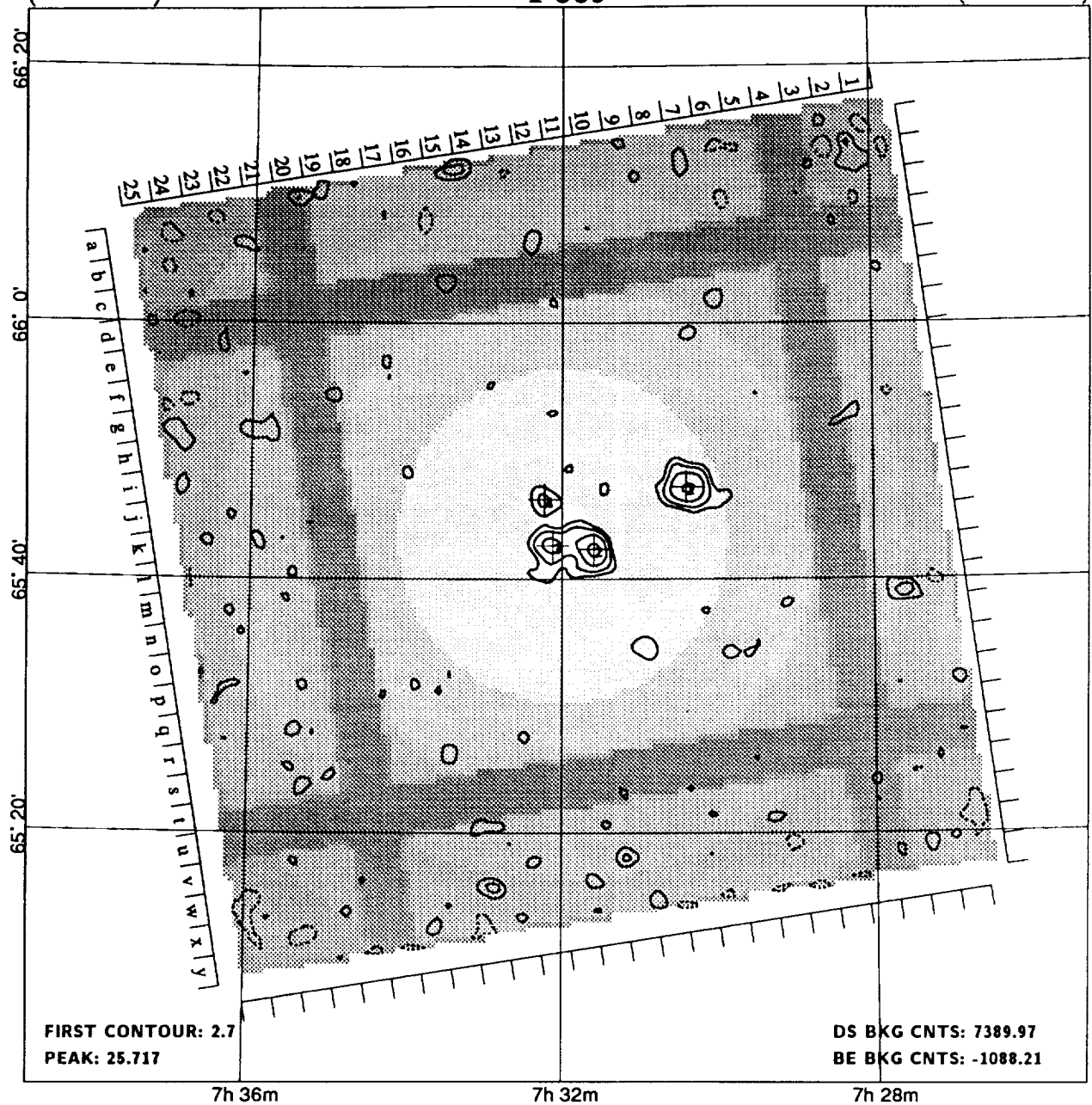
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1828	1	07 31 39.9	65 42 21	51	*0.0232	0.0056	20.3	3.7	4.1	1.4	703	22.5	AH	

(7h 32m)

I 589

(7h 32m)



NGC 2403 HIGH RESOLUTION STUDIES OF GALAXIES

FIELD CENTER: $07^h 32^m 02.9^s$ $65^\circ 42' 41''$ (B1950)
 $07^h 36^m 51.9^s$ $65^\circ 36' 00''$ (J2000)
 $l: 150.57$ $b: 29.19$

DATE: 1979/ 98 - 1979/ 98
 LIVETIME: 5988.3s
 ROLL ANGLE: 81.3°

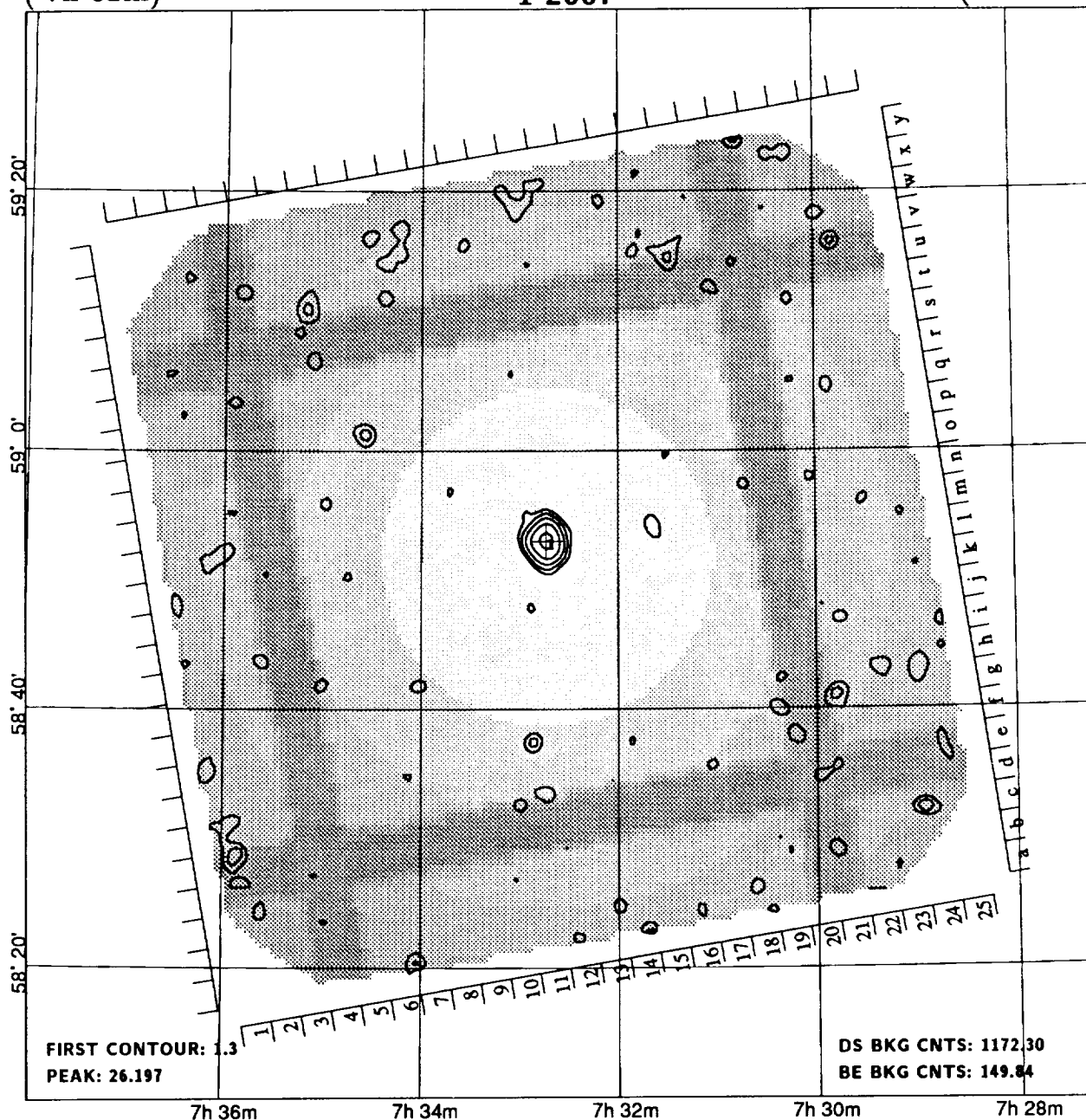
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1825	1	07 30 24.2	65 47 11	38	0.0247	0.0026	97.7	11.3	9.4	1.3	0	11.3	AH	S
1828	2	07 31 35.4	65 42 18	31	0.0214	0.0024	93.9	15.1	9.0	1.8	0	2.8	AH	
1830	3	07 32 07.2	65 42 34	35	0.0120	0.0019	53.4	15.6	6.4	3.0	0	0.4	AH	G
1831	4	07 32 13.8	65 46 12	36	0.0055	0.0015	24.0	18.0	3.7	0.6	0	3.9	AH	

(7h 32m)

I 2607

(7h 32m)



SEYFERT GALAXY SURVEY: MKN 9

FIELD CENTER: $07^{\text{h}}32^{\text{m}}36.0^{\text{s}}$ $58^{\circ}51'59''$ (B1950)
 $07^{\text{h}}36^{\text{m}}50.8^{\text{s}}$ $58^{\circ}45'17''$ (J2000)
 $l: 158.38$ $b: 28.73$

DATE: 1979/278 - 1979/278
 LIVETIME: 950.0s
 ROLL ANGLE: -99.6°

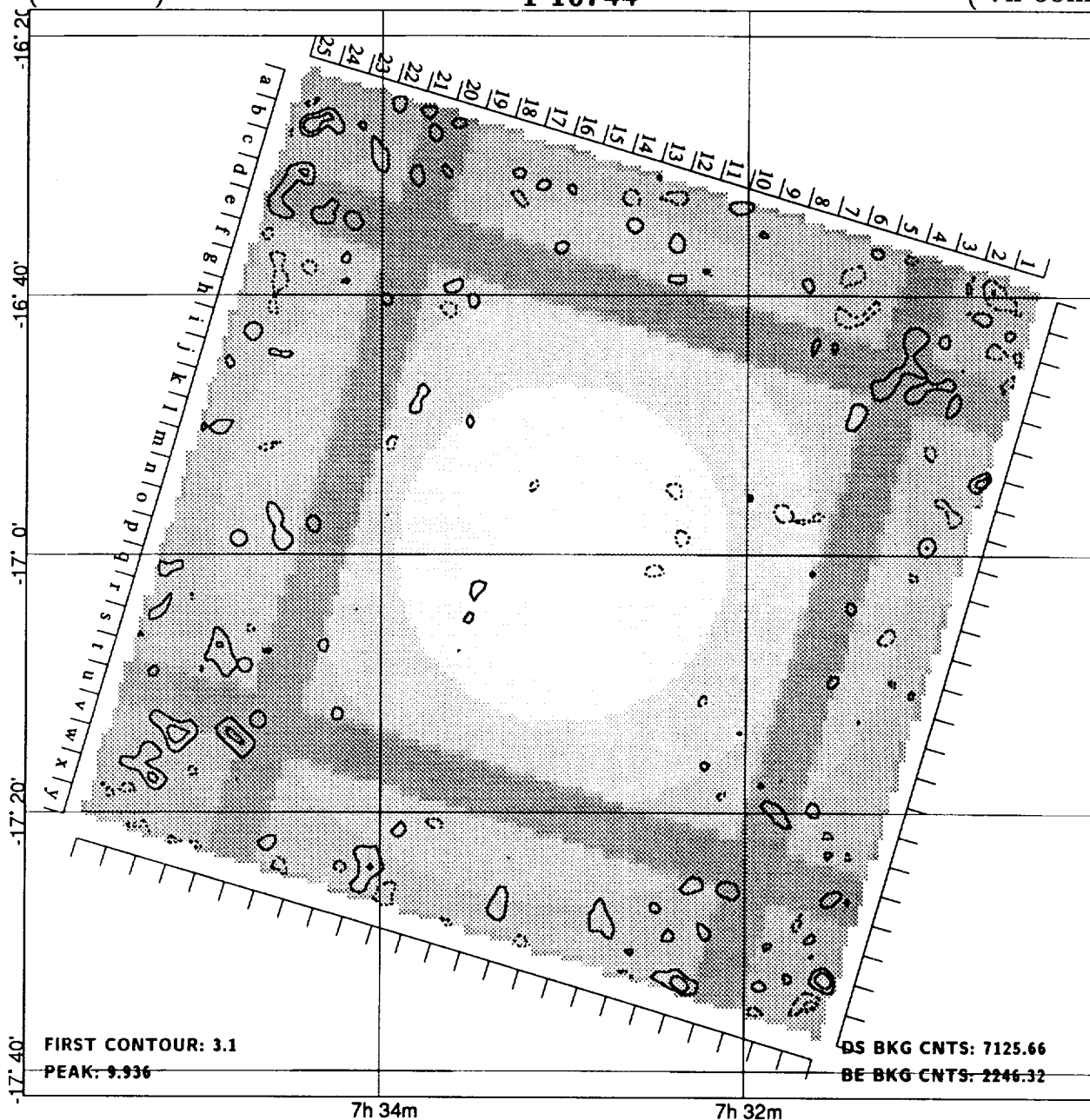
NH: $4.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1832	1	07 32 43.9	58 53 00	31	0.149	0.015	104.9	3.1	10.1	1.1	0	1.7	H	SY

(7h 33m)

I 10744

(7h 33m)



Substitute target: XTND'ed Emission in BL LAC'sF

FIELD CENTER: 07^h33^m00.0^s -16°59'59" (B1950)
07^h35^m14.9^s -17°06'39" (J2000)
 l : 233.10 b : 1.57

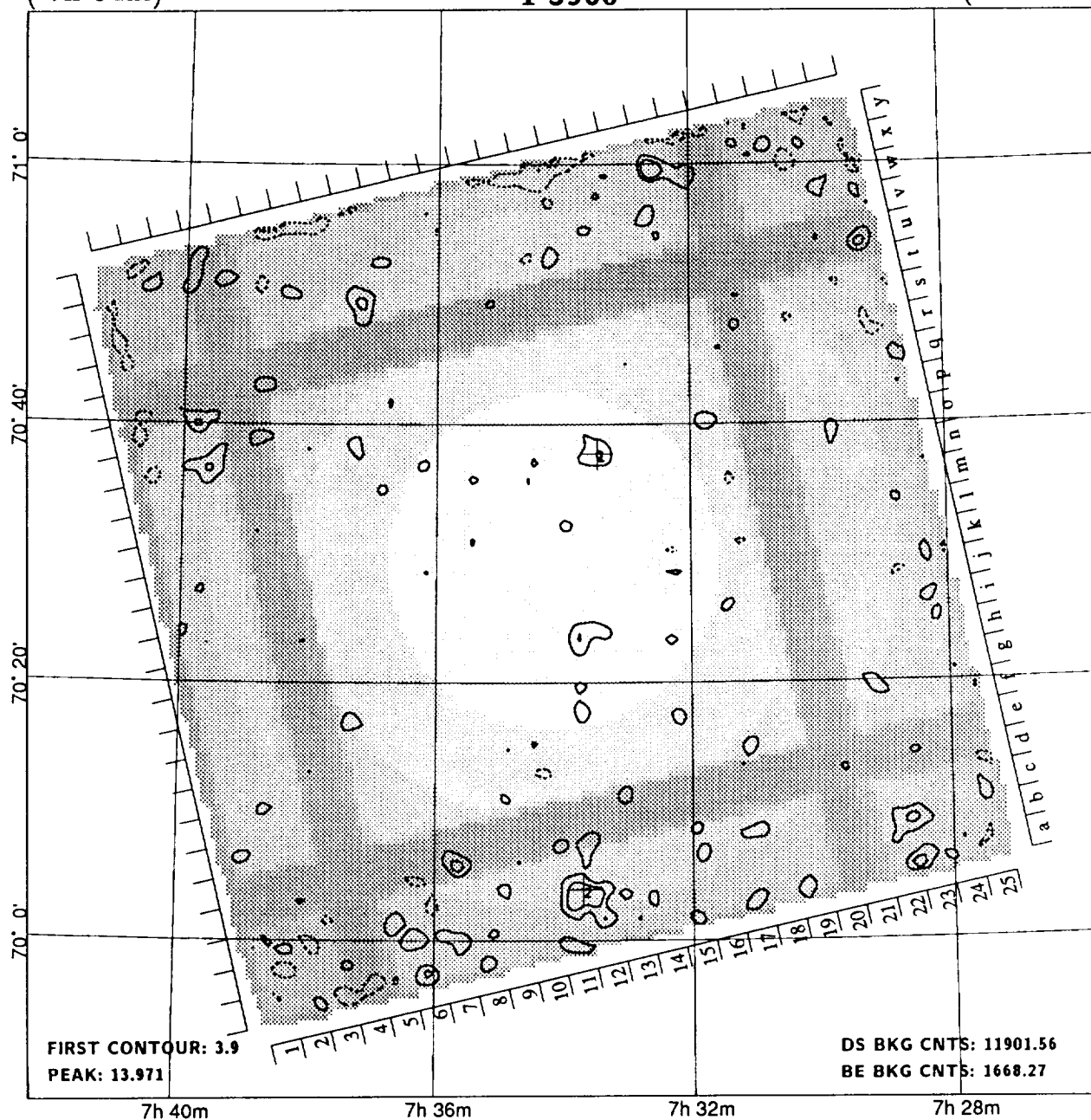
DATE: 1981/111 - 1981/111
LIVETIME: 5774.1s
ROLL ANGLE: 106.4°

NH: 6.2E+21
REF/ID:
FIELD FLAGS: L

(7h 34m)

I 3960

(7h 34m)



CLUSTER EVOLUTION: 3C184 (Z>0.8)

FIELD CENTER: 07^h34^m02.0^s 70°29'59" (B1950)
07^h39^m27.3^s 70°23'08" (J2000)
ℓ: 145.08 b: 29.45

DATE: 1979/279 - 1979/280
LIVETIME: 9644.2s
ROLL ANGLE: -102.8°

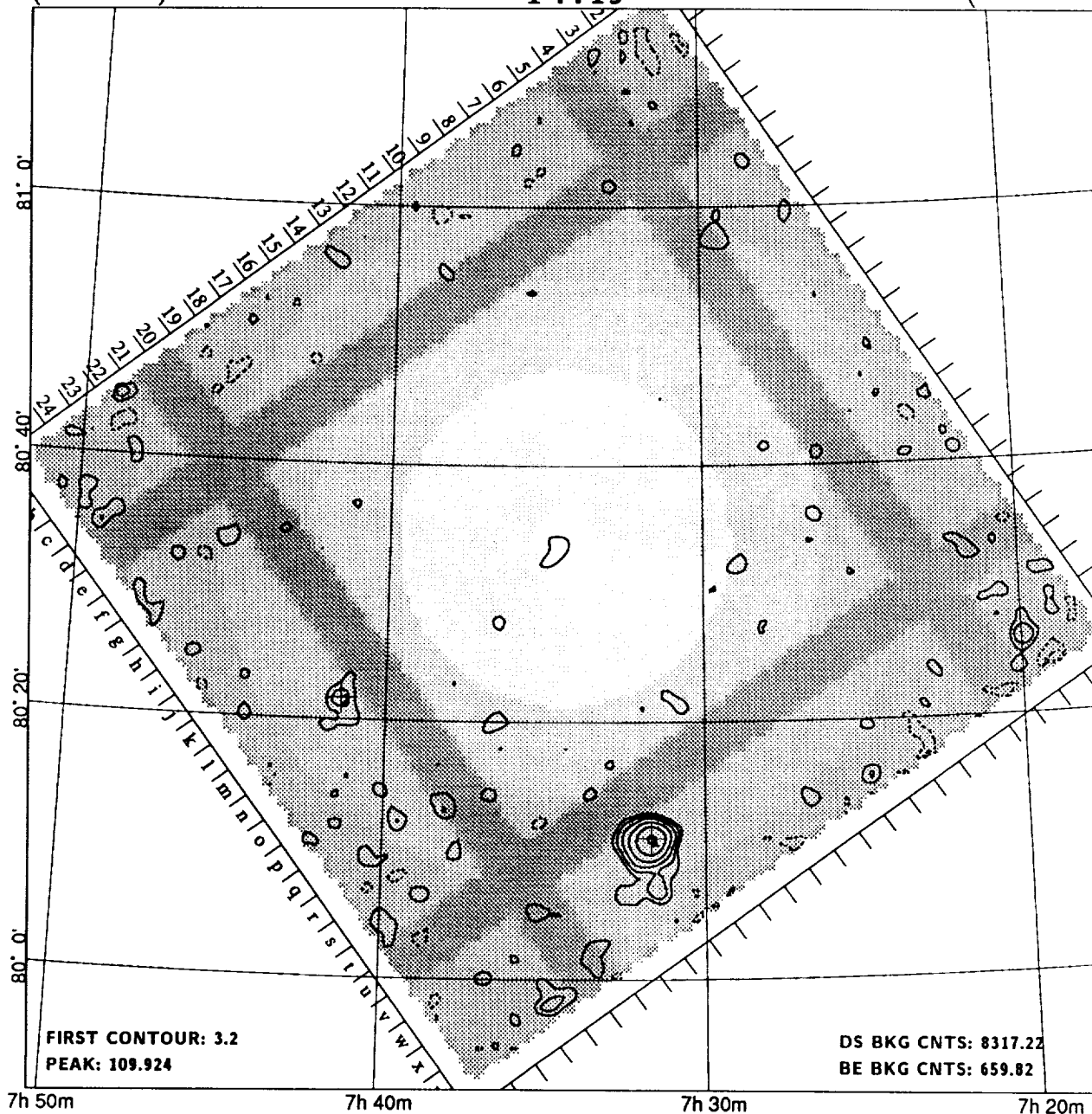
NH: 3.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1834	1	07 33 28.1	70 37 41	44	0.0049	0.0012	32.2	29.8	4.1	0.7	0	8.1	H	
1837	2	07 33 41.9	70 03 55	55	0.0082	0.0018	33.5	21.5	4.5	1.4	0	26.1	H	

(7h 34m)

I 7719

(7h 34m)



184.1, COMPLETE SAMPLE OF 3CR RADIO GALAXIES

FIELD CENTER: 07^h34^m25.1^s 80°33'23" (B1950)

DATE: 1980/ 65 - 1980/ 66

NH: 2.9E+20

07^h43^m01.5^s 80°26'25" (J2000)

LIVETIME: 6739.8s

REF/ID: !

l: 133.58 b: 28.86

ROLL ANGLE: 54.3°

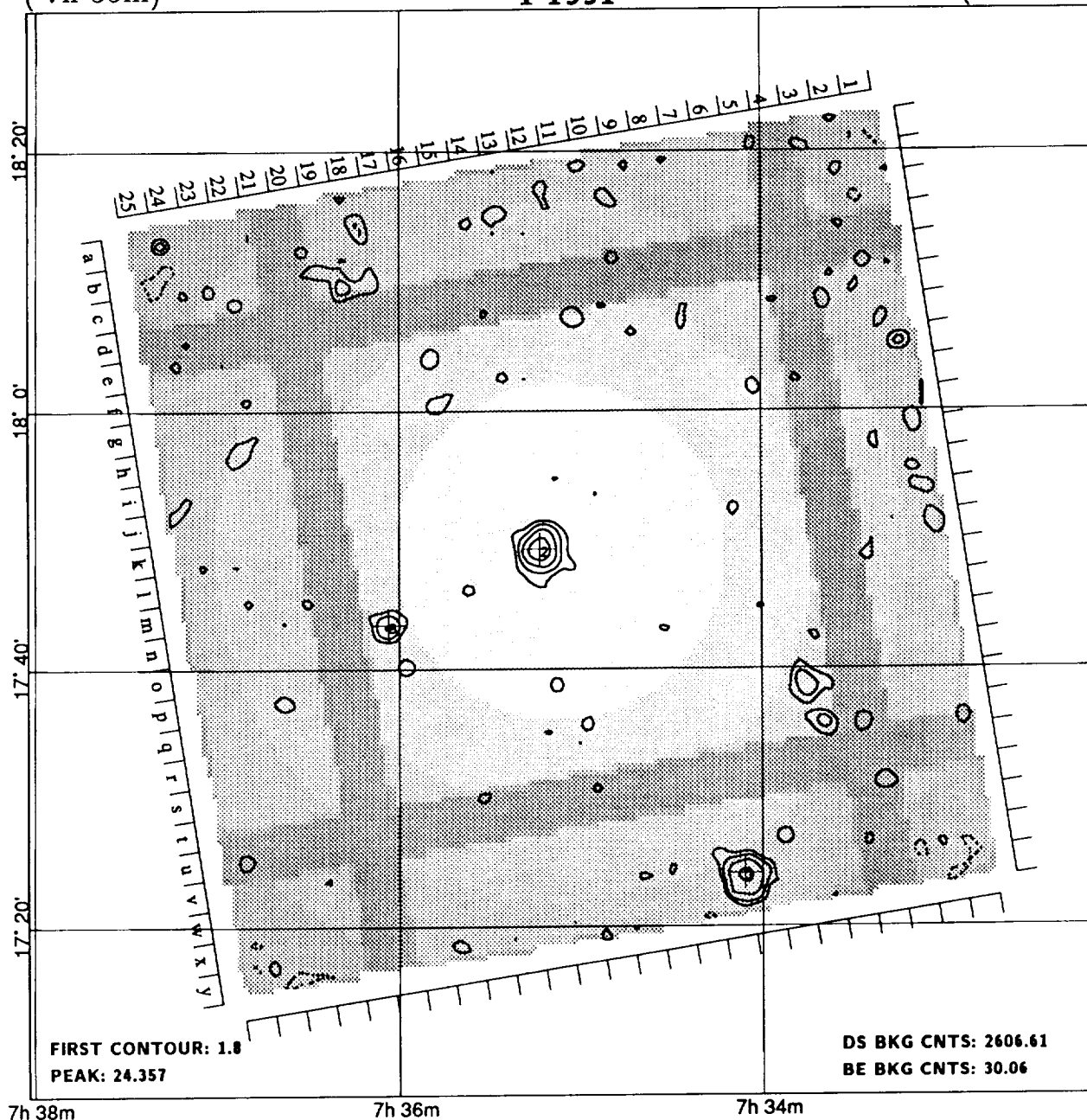
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1829	1	07 31 40.3	80 10 58	47	0.0888	0.0056	265.1	13.9	15.9	1.3	400	23.3	H
1866	2	07 41 23.7	80 21 41	55	*0.0075	0.0019	24.9	16.1	3.9	1.0	401	20.8	H

(7h 35m)

I 1991

(7h 35m)



X-RAY STUDY OF BL LAC OBJECTS: PKS0735+178

FIELD CENTER: 07^h35^m06.0^s 17°48'59" (B1950)
 07^h37^m59.2^s 17°42'10" (J2000)
 l : 201.84 b : 18.04

DATE: 1979/ 98 - 1979/ 98
 LIVETIME: 2112.2s
 ROLL ANGLE: 81.0°

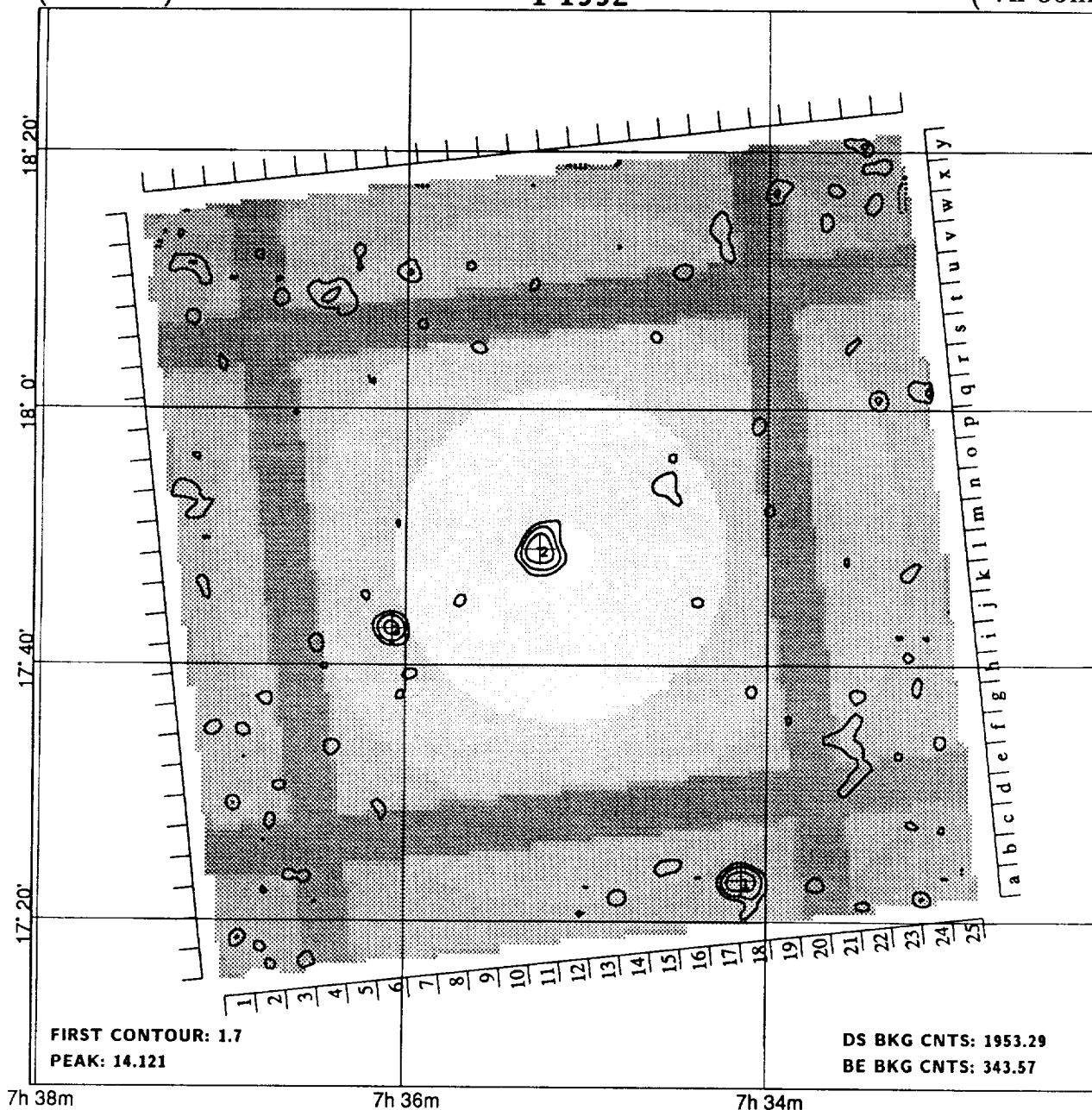
NH: 4.6E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1839	1	07 34 05.7	17 24 08	51	0.0438	0.0079	34.1	3.9	5.5	1.3	0	28.7	AH	
1843	2	07 35 13.4	17 49 19	31	0.0602	0.0064	94.1	6.9	9.4	1.2	0	1.8	AH	BL
1847	3	07 36 03.6	17 43 24	43	0.0172	0.0041	21.6	5.4	4.2	0.7	400	14.9	A	

(7h 35m)

I 1992

(7h 35m)



X-RAY STUDY OF BL LAC OBJECTS: PKS0735+178

FIELD CENTER: 07^h35^m06.0^s 17°48'59" (B1950)
07^h37^m59.2^s 17°42'10" (J2000)
 ℓ : 201.84 b : 18.04

DATE: 1979/292 - 1979/292

NH: 4.6E+20

LIVETIME: 1582.8s

REF/ID:

ROLL ANGLE: -96.2°

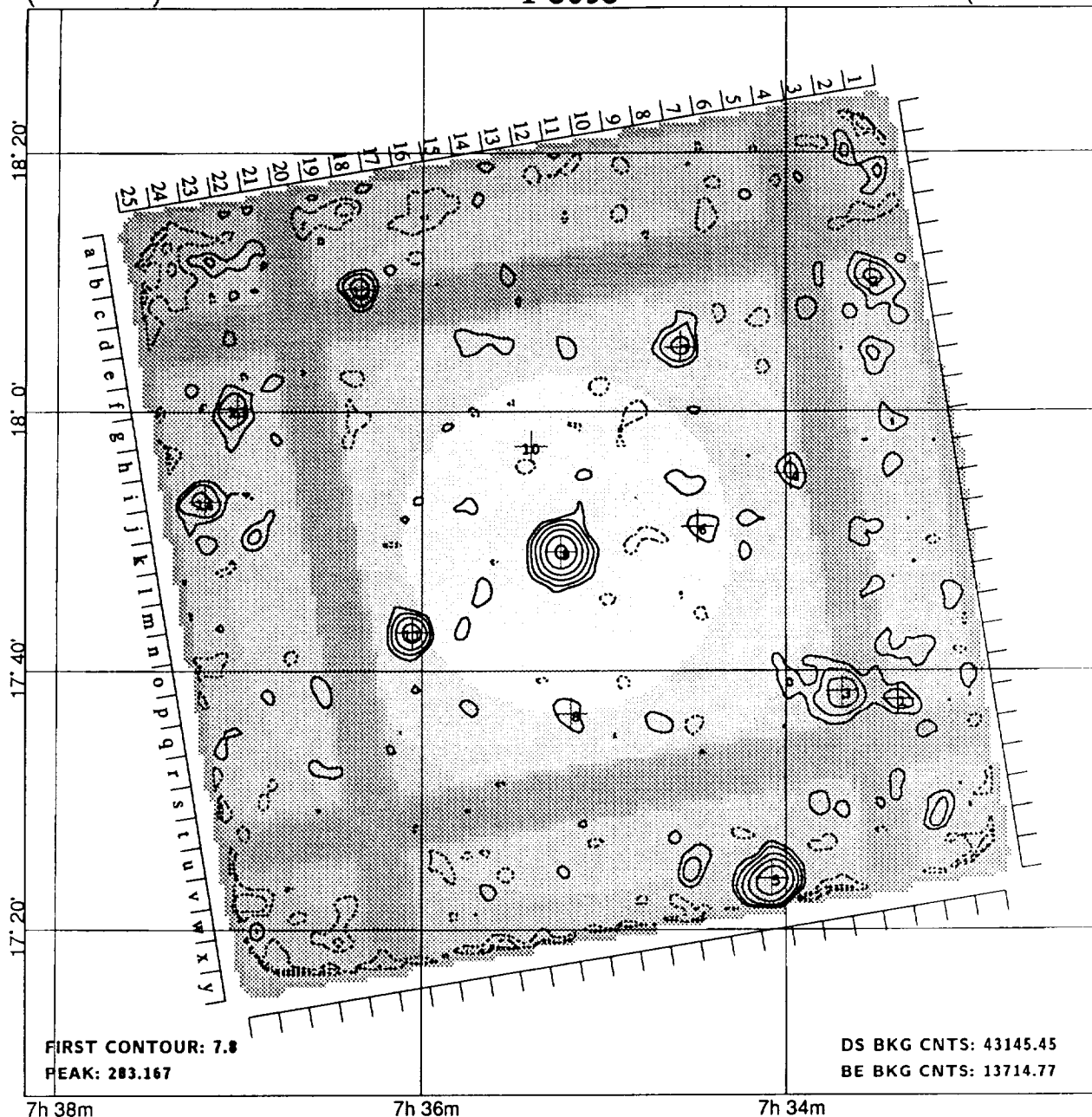
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1839	1	07 34 08.1	17 23 13	51	0.0446	0.0094	25.7	3.3	4.8	1.0	0	29.2	AH	
1843	2	07 35 15.6	17 49 08	34	0.0510	0.0069	59.7	5.3	7.4	1.1	0	2.5	AH	BL
1847	3	07 36 04.4	17 42 56	42	0.0257	0.0057	24.5	4.5	4.5	0.8	0	15.0	AH	

(7h 35m)

I 5695

(7h 35m)



STUDY OF VARIABILITY: 0735 +178

FIELD CENTER: $07^{\text{h}}35^{\text{m}}14.0^{\text{s}}$ $17^{\circ}49'08''$ (B1950)
 $07^{\text{h}}38^{\text{m}}07.2^{\text{s}}$ $17^{\circ}42'18''$ (J2000)
 $l: 201.85$ $b: 18.07$

DATE: 1980/ 91 - 1980/114
 LIVETIME: 34962.0s
 ROLL ANGLE: 80.7°

NH: $4.6\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1833	1	07 33 23.4	17 37 46	55	*0.00379	0.00087	49.2	76.8	4.4	5.4	1106	28.6	H	
1835	2	07 33 32.5	18 10 12	55	0.0055	0.0011	63.1	89.9	5.1	1.2	400	31.9	H	
1836	3	07 33 41.7	17 38 24	50	*0.0103	0.0010	158.8	77.2	10.3	2.0	906	24.4	AH	
1838	4	07 33 58.5	17 55 13	74	0.00295	0.00065	55.4	92.6	4.6	0.7	600	19.1	H	
1839	5	07 34 04.6	17 23 55	47	0.0405	0.0020	485.1	84.9	20.3	1.2	100	30.1	AH	
1840	6	07 34 29.0	17 51 08	53	0.00236	0.00057	54.6	118.4	4.2	0.6	0	11.0		
1841	7	07 34 34.7	18 05 00	50	0.00692	0.00079	132.7	96.3	8.8	1.0	0	18.4	H	
1842	8	07 35 10.7	17 36 39	48	0.00273	0.00062	59.3	122.7	4.4	0.7	0	12.4	H	
1843	9	07 35 14.1	17 49 14	31	0.0475	0.0014	1236.5	150.5	33.2	1.2	0	0.2	AH	BL
1844	10L	07 35 24.0	17 57 19	42	0.00302	0.00071	72.5	110.5	4.2	0.1	0	8.5		

Source Table cont.

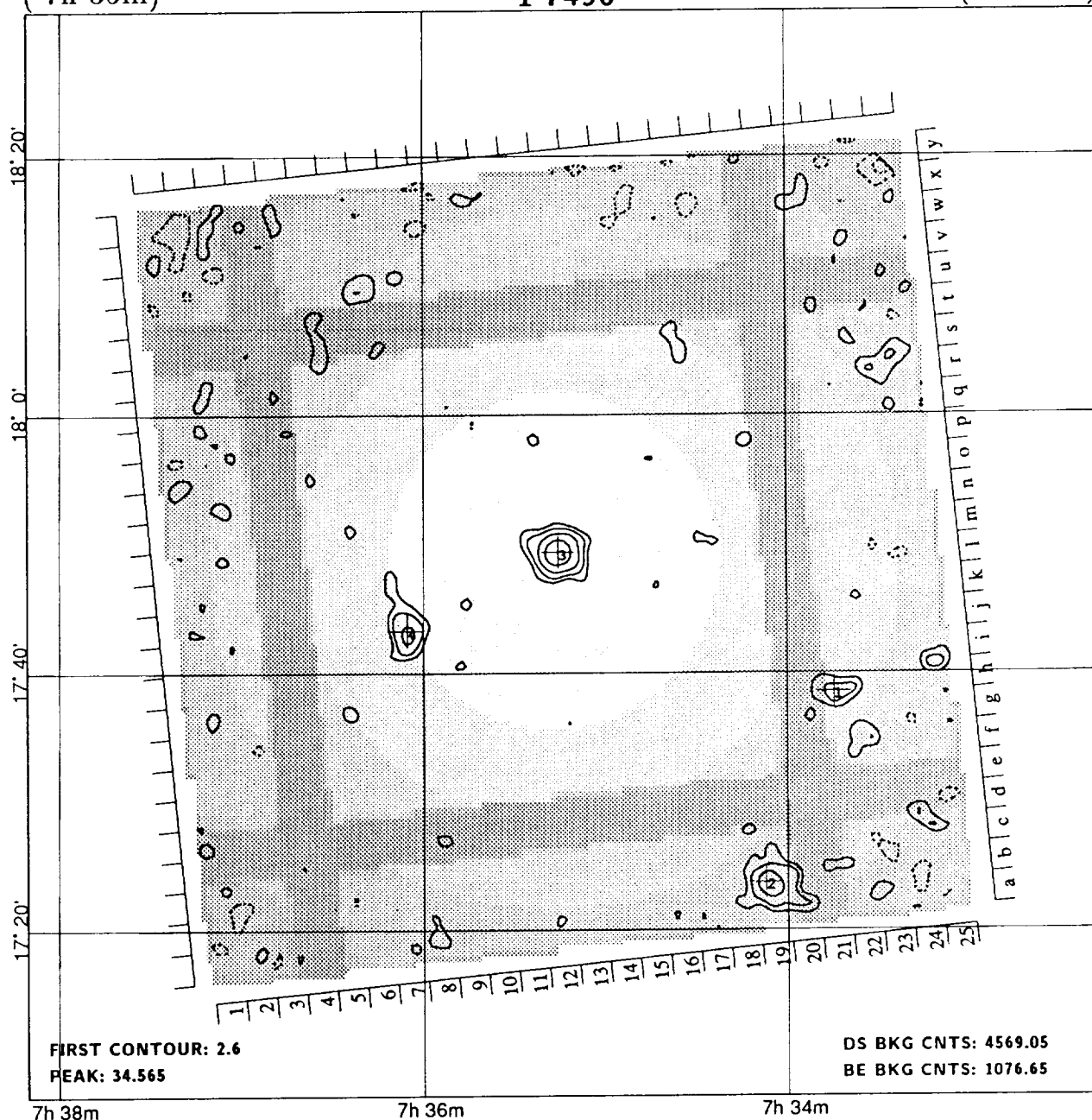
I 5695 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1847	11	07 36 03.1	17 43 00	38	0.01396	0.00096	297.7	118.3	14.6	1.0	0	13.3	AH	
1848	12	07 36 20.3	18 09 29	50	*0.00640	0.00089	94.5	79.5	7.2	0.8	906	25.8	H	
1851	13	07 37 01.0	18 00 13	56	0.00489	0.00094	65.6	93.4	5.2	1.0	0	27.8	H	
1854	14	07 37 11.6	17 53 05	51	0.0066	0.0010	85.1	97.9	6.3	1.1	0	28.1	H	

(7h 35m)

I 7496

(7h 35m)



PKS 0735+17, TEMPORAL STUDIES OF FLUXES & SPECTRA OF BL LAC OBJECTS

FIELD CENTER: 07^h35^m14.3^s 17°49'11" (B1950)
07^h38^m07.5^s 17°42'21" (J2000)
l: 201.85 *b*: 18.07

DATE: 1980/283 - 1980/283
LIVETIME: 3702.4s
ROLL ANGLE: -95.6°

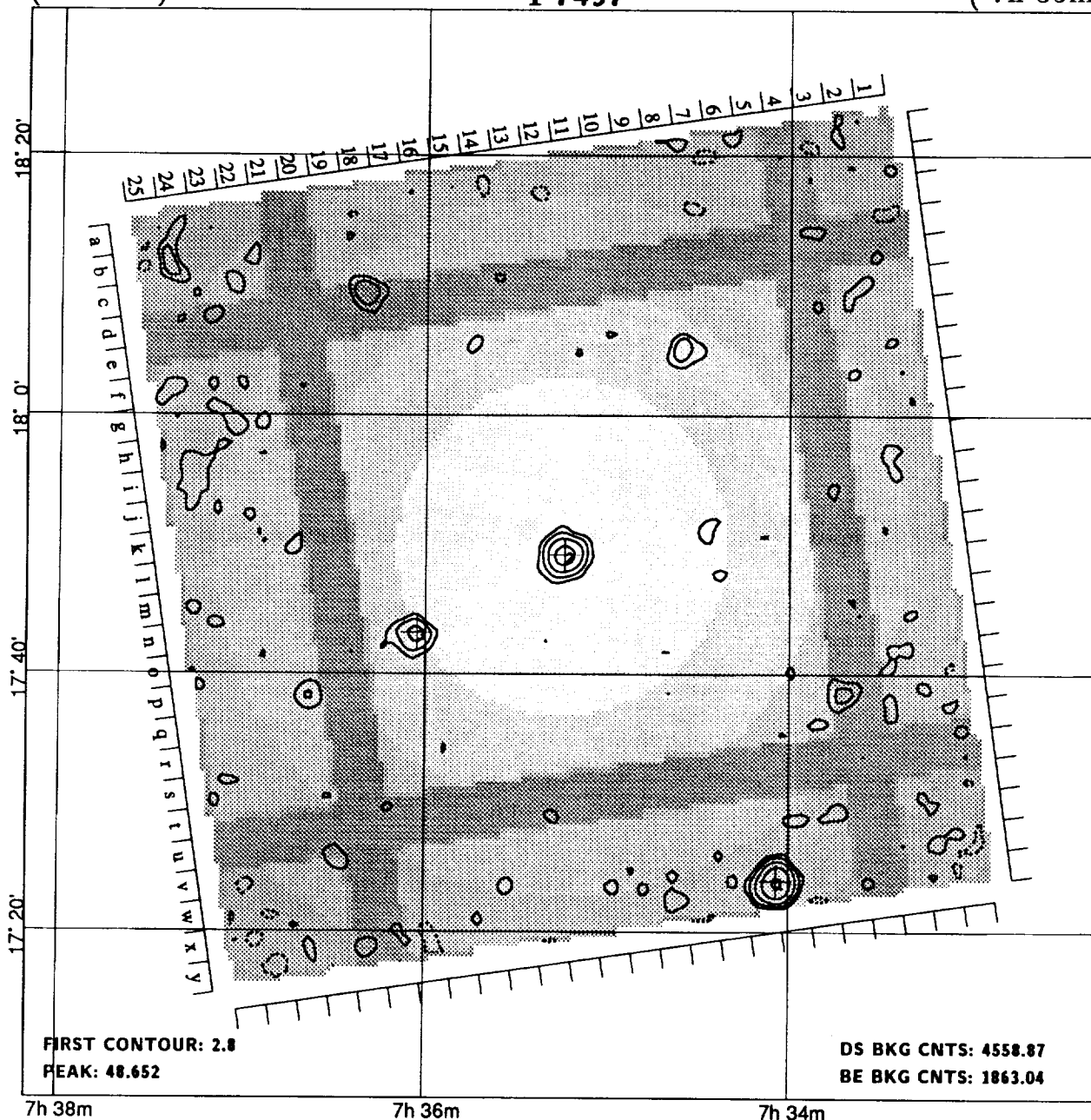
NH: 4.6E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1836	1	07 33 44.7	17 38 33	57	*0.0109	0.0030	17.8	7.2	3.6	1.0	703	23.9	AH	
1839	2	07 34 07.2	17 23 42	51	0.0251	0.0050	32.4	8.6	5.1	1.7	500	30.7	AH	
1843	3	07 35 15.4	17 49 19	31	0.0554	0.0047	152.8	14.2	11.8	1.3	0	0.6	AH	BL
1847	4	07 36 05.4	17 43 17	41	0.0211	0.0034	49.1	11.9	6.3	1.2	0	13.8	AH	

(7h 35m)

I 7497

(7h 35m)



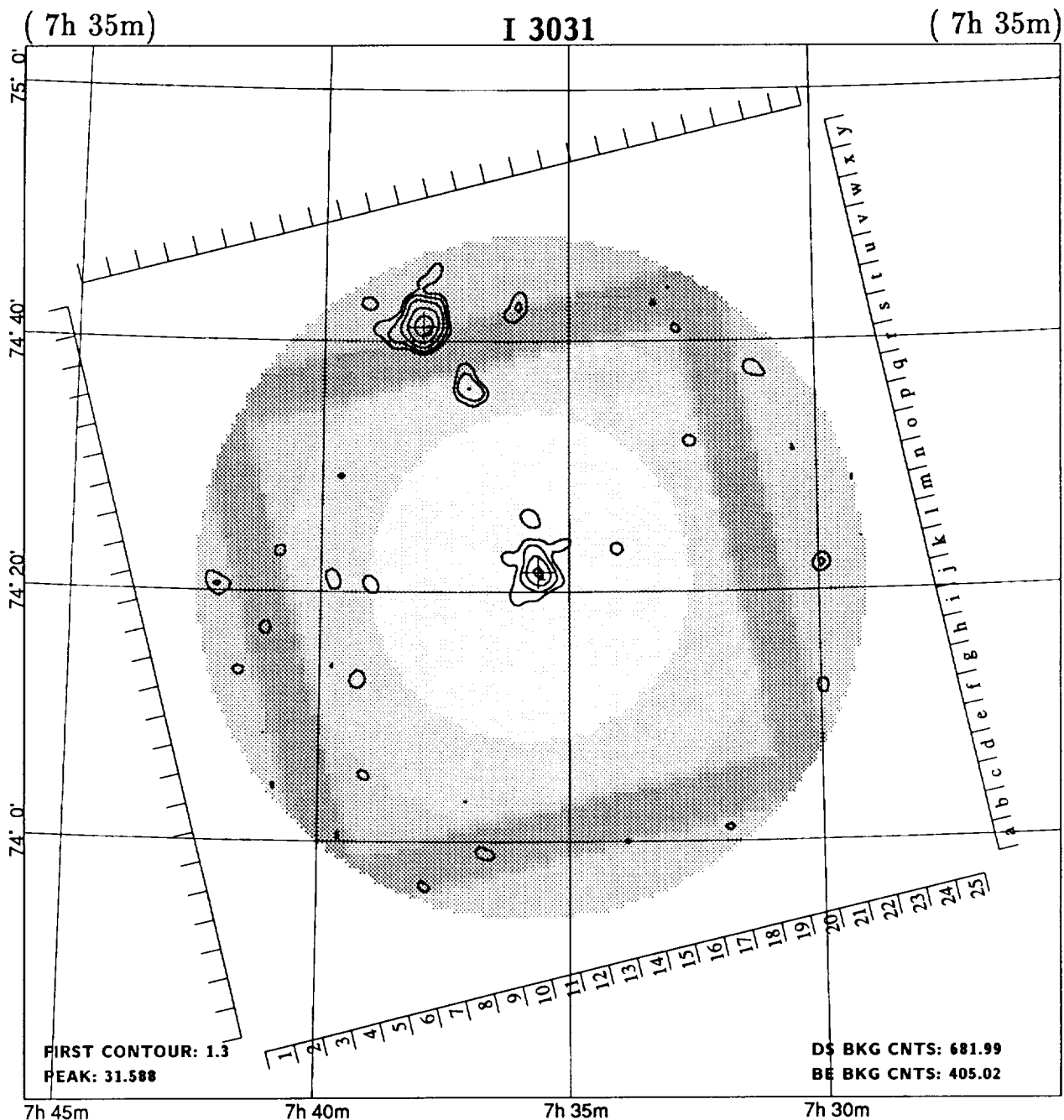
PKS 0735+17, TEMPORAL STUDIES OF FLUXES & SPECTRA OF BL LAC OBJECTS

FIELD CENTER: 07^h35^m14.3^s 17°49'11" (B1950)
07^h38^m07.5^s 17°42'21" (J2000)
 l : 201.85 b : 18.07

DATE: 1981/ 85 - 1981/ 85
LIVETIME: 3694.2s
ROLL ANGLE: 81.8°

NH: 4.6E+20
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1839	1L	07 34 04.1	17 23 59	48	0.0697	0.0093	86.5	15.5	7.3	1.1	0	30.3	A	
1843	2L	07 35 14.2	17 49 10	31	0.0426	0.0051	117.2	27.8	8.3	1.1	0	0.2	A	BL
1847	3L	07 36 02.8	17 43 13	41	0.0189	0.0040	43.1	15.9	4.6	1.0	0	13.0	A	



4C74.13: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER: 07^h35^m34.0^s 74°21'31" (B1950)
07^h41^m43.7^s 74°14'33" (J2000)
 ℓ : 140.65 b : 29.44

DATE: 1979/279 - 1979/279
LIVETIME: 552.6s
ROLL ANGLE: -103.5°

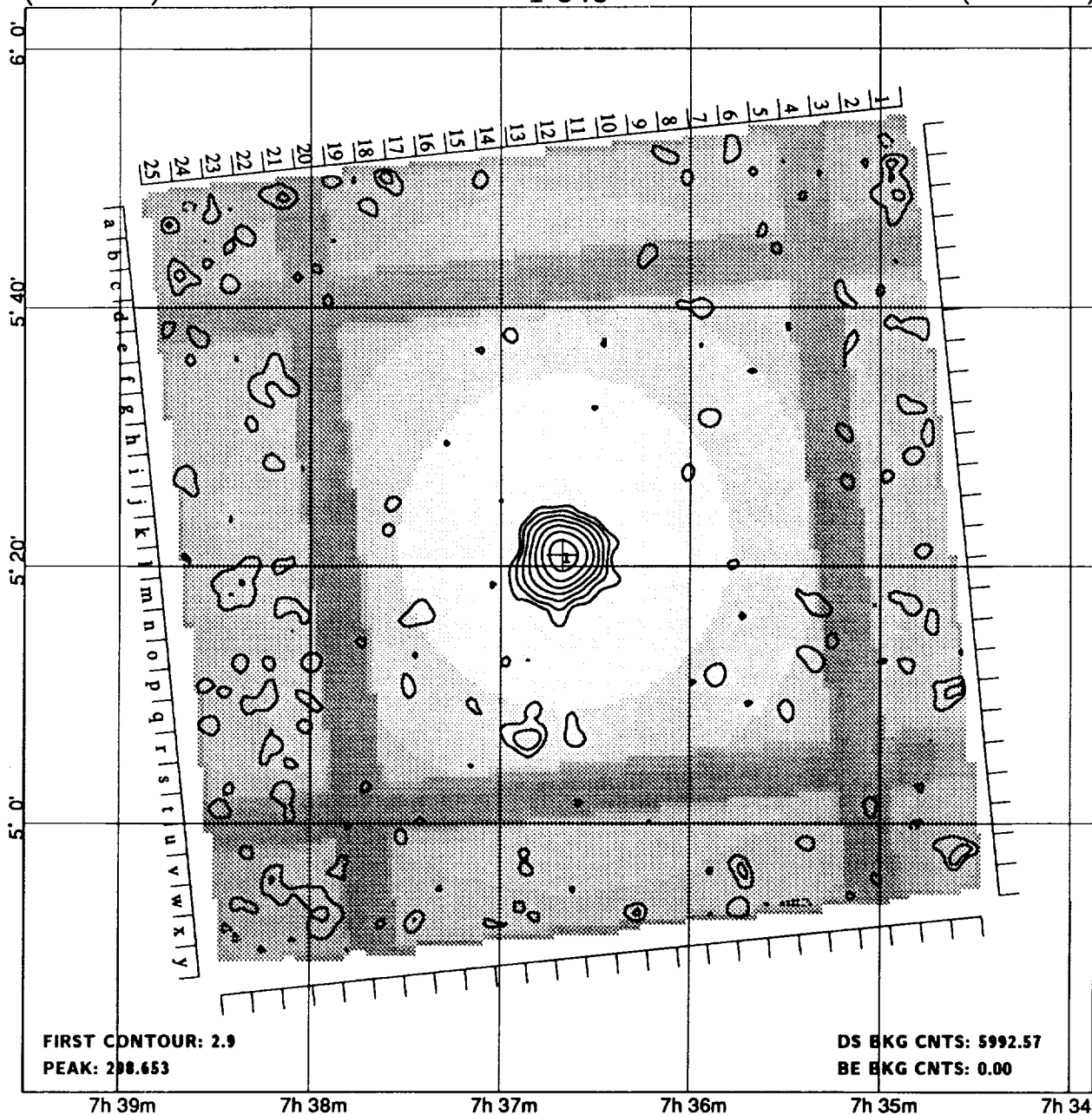
NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1845	1	07 35 37.1	74 21 35	35	0.100	0.016	41.0	3.0	6.2	1.3	0	0.4	AH	
1855	2	07 37 58.5	74 41 06	48	*0.273	0.032	72.5	1.5	8.4	1.2	703	22.0	AH	

(7h 36m)

I 848

(7h 36m)



ALPHA CMI (PROCYON) STELLAR OBSERVATIONS, F STARS

FIELD CENTER: 07^h36^m41.1^s 05°21'15" (B1950)
07^h39^m20.4^s 05°14'20" (J2000)
 l : 213.69 b : 13.03

DATE: 1981/ 90 - 1981/ 90
LIVETIME: 4855.9s
ROLL ANGLE: 84.2°

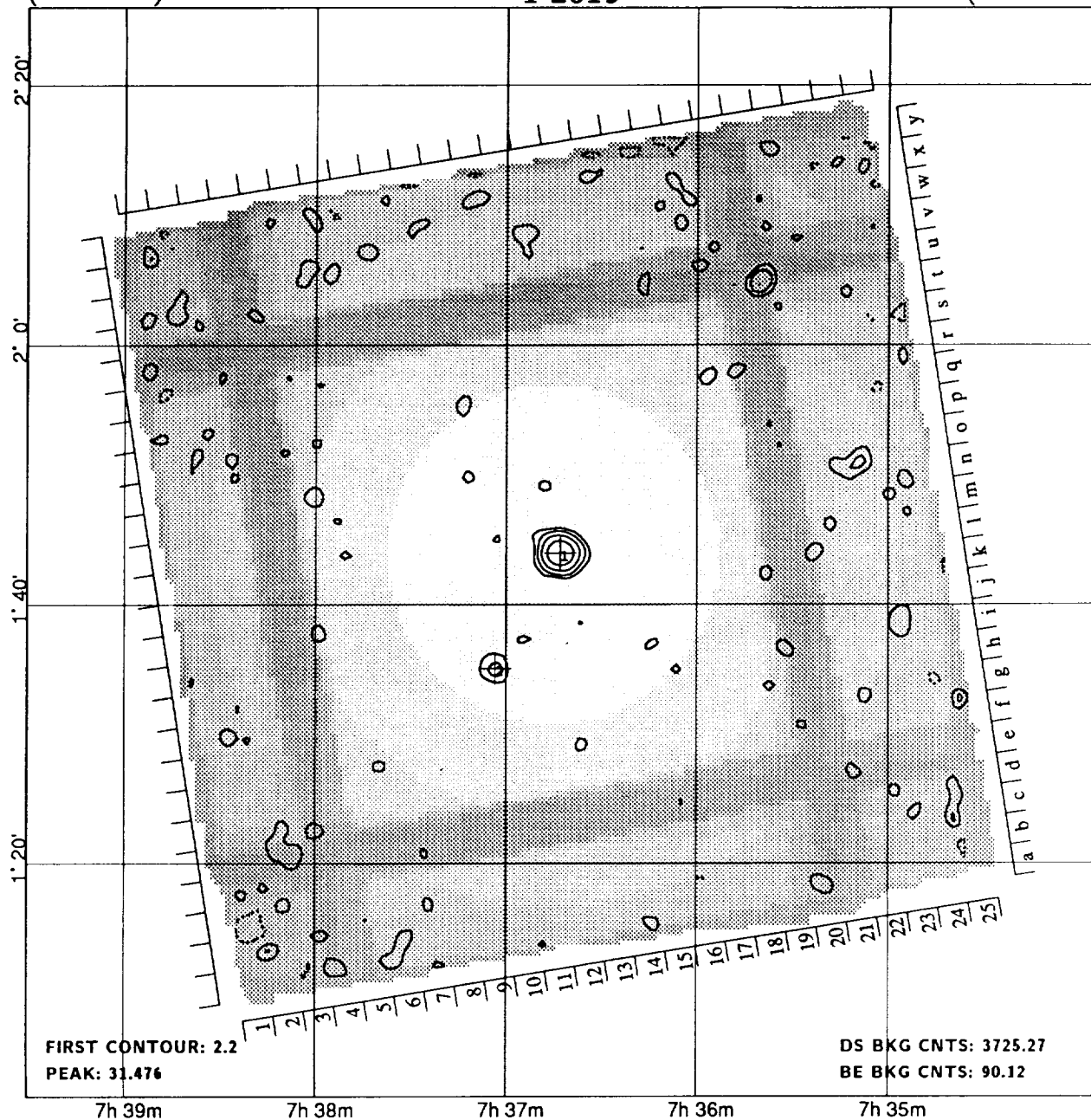
NH: 7.1E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1849	1L	07 36 40.5	05 20 52	31	0.302	0.013	1089.5	406.5	23.8	1.7	0	0.7	S	

(7h 36m)

I 2019

(7h 36m)



PKS 0736+017: STUDY, QUASARS

FIELD CENTER: $07^{\text{h}}36^{\text{m}}42.5^{\text{s}}$ $01^{\circ}43'59''$ (B1950)
 $07^{\text{h}}39^{\text{m}}18.0^{\text{s}}$ $01^{\circ}37'04''$ (J2000)
 l : 216.99 b : 11.38

DATE: 1979/281 - 1979/293
 LIVETIME: 3018.7s
 ROLL ANGLE: -99.1°

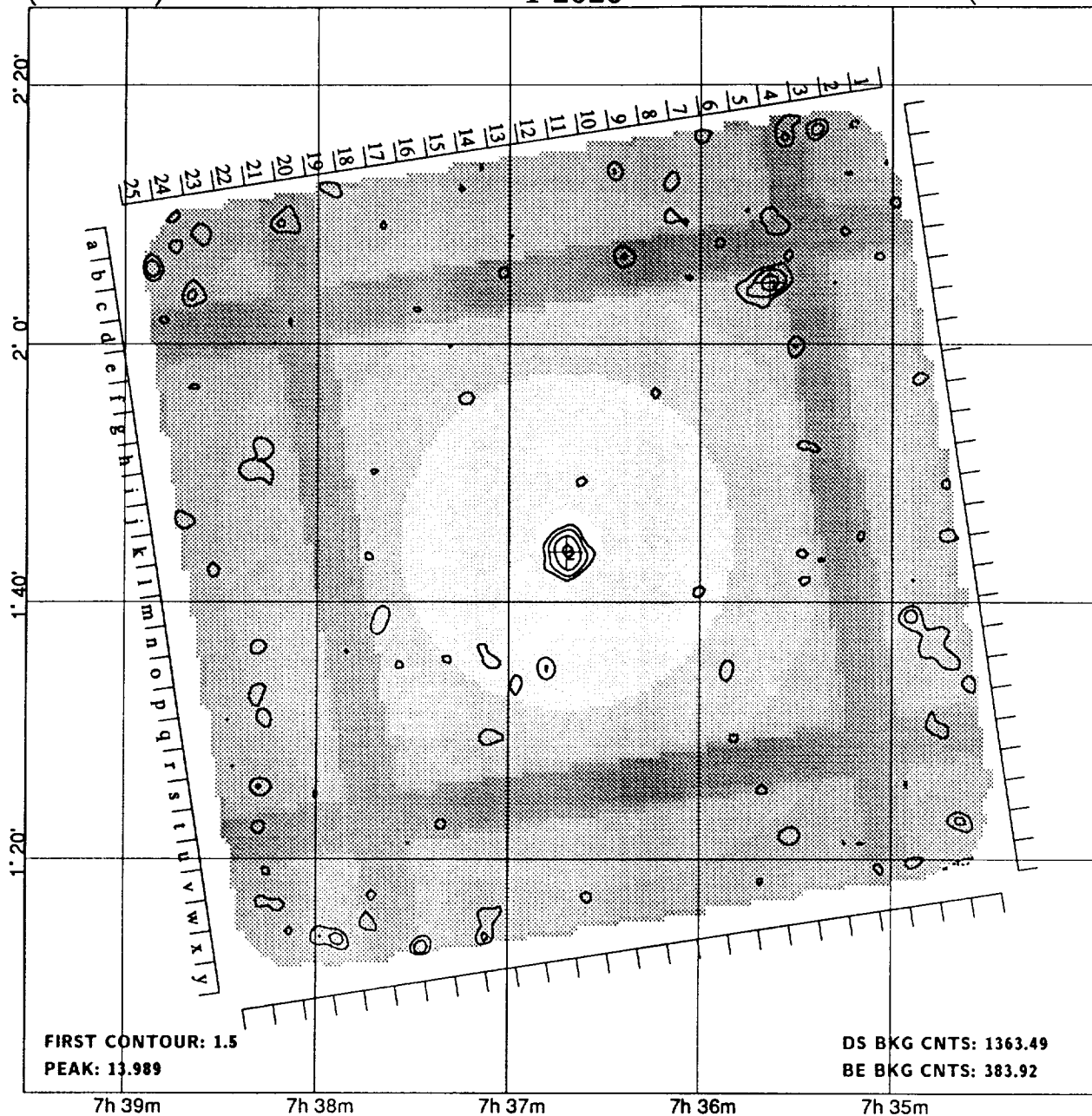
NH: $6.3\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1850	1	07 36 42.9	01 43 59	31	0.0584	0.0053	131.6	9.4	11.1	1.1	0	0.2	AH	Q
1853	2	07 37 03.5	01 35 02	45	0.0102	0.0028	20.4	10.6	3.7	0.6	0	10.2	H	

(7h 36m)

I 2020

(7h 36m)



PKS 0736+017: STUDY, QUASARS

FIELD CENTER: $07^h 36^m 42.5^s$ $01^\circ 43' 59''$ (B1950)

DATE: 1980/122 - 1980/122

NH: $6.3E+20$ $07^h 39^m 18.0^s$ $01^\circ 37' 04''$ (J2000)

LIVETIME: 1144.6s

REF/ID:

 l : 216.99 b : 11.38ROLL ANGLE: 81.3°

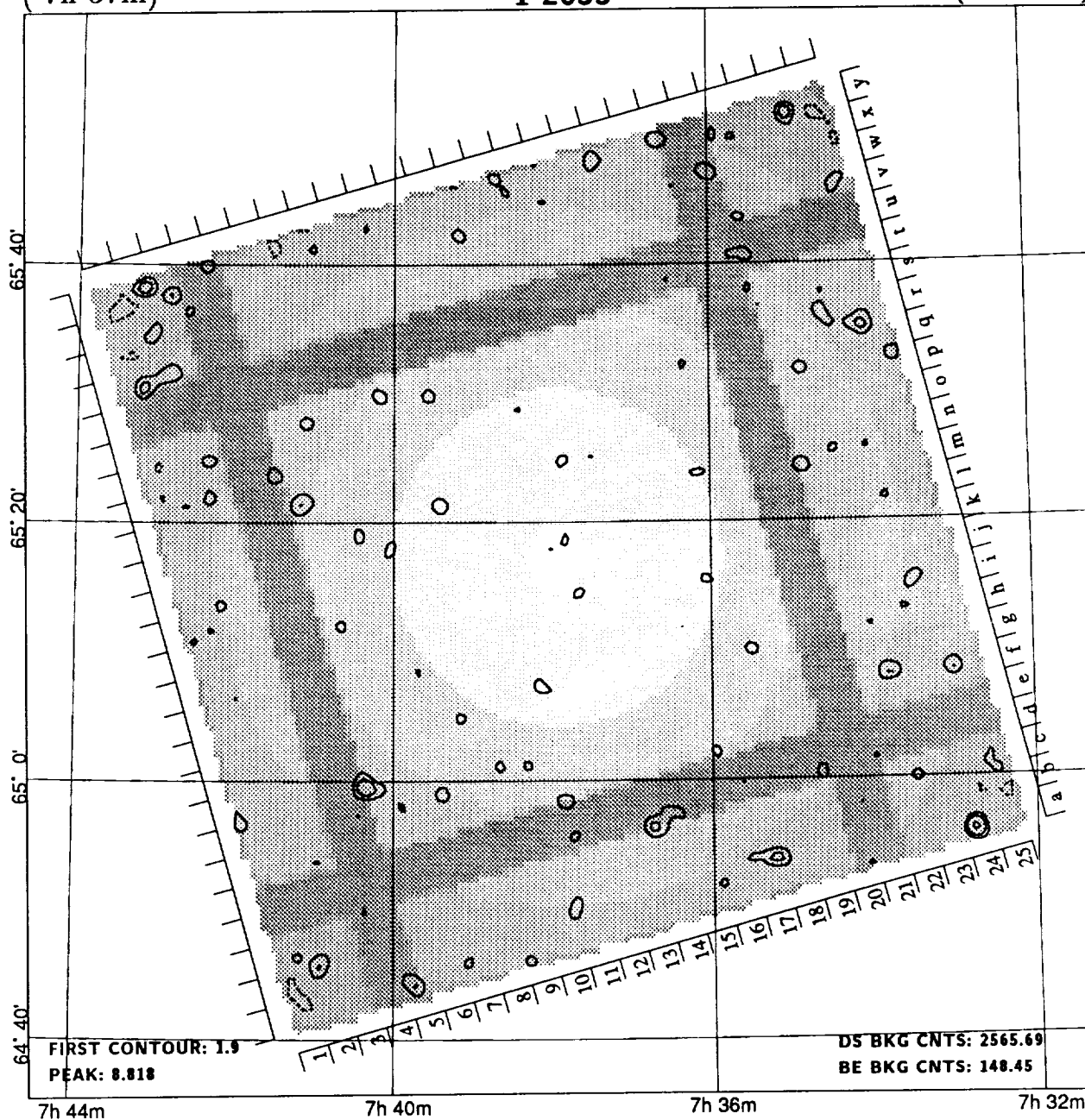
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1846	1	07 35 38.4	02 04 42	55	*0.0343	0.0090	16.7	2.3	3.8	1.0	1003	25.9	H	
1850	2	07 36 41.9	01 43 54	35	0.0653	0.0091	55.6	4.4	7.2	1.1	0	0.2	AH	Q

(7h 37m)

I 2653

(7h 37m)

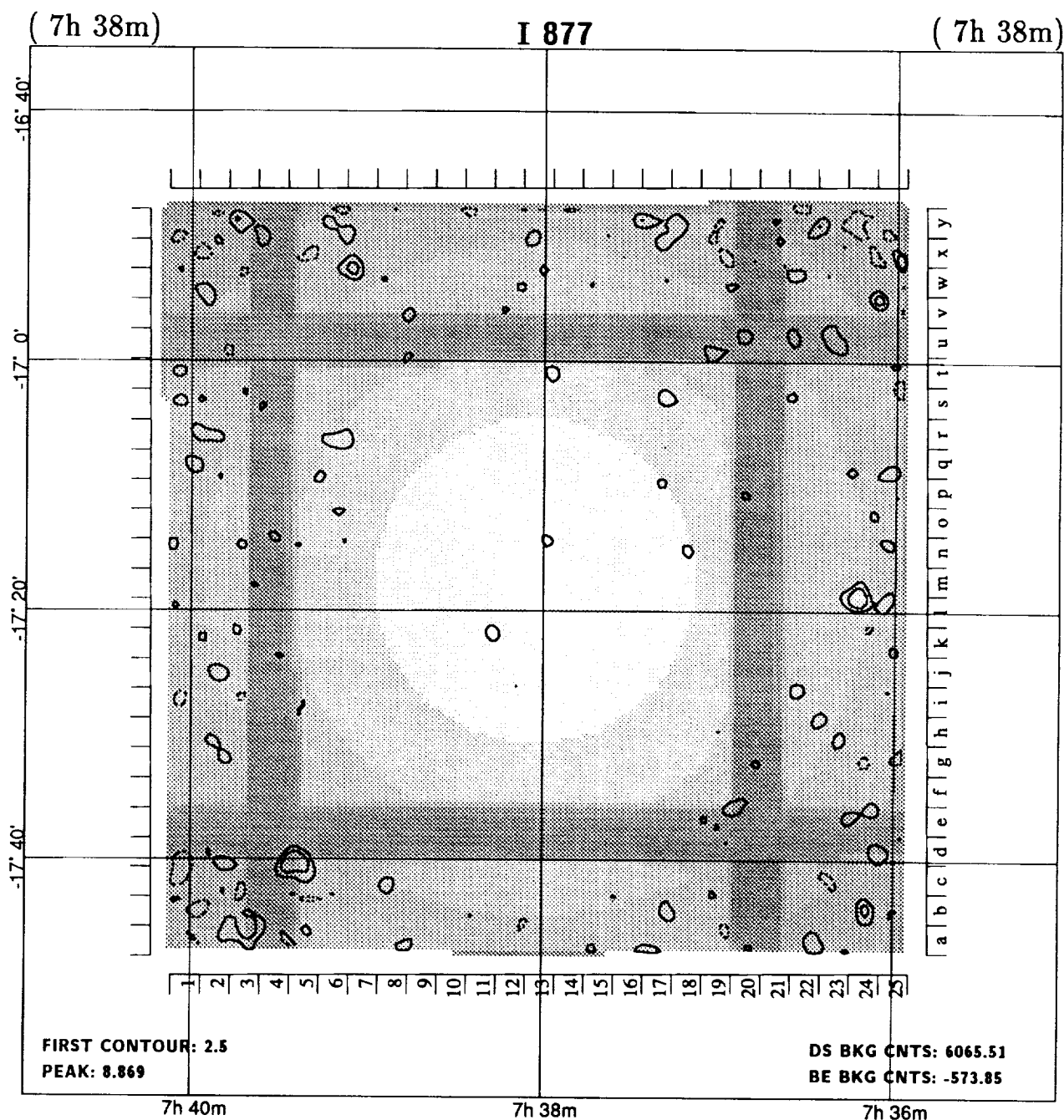


SEYFERT GALAXY SURVEY: MKN 78

FIELD CENTER: $07^{\text{h}}37^{\text{m}}55.9^{\text{s}}$ $65^{\circ}17'42''$ (B1950)
 $07^{\text{h}}42^{\text{m}}40.8^{\text{s}}$ $65^{\circ}10'37''$ (J2000)
 l : 151.07 b : 29.78

DATE: 1979/277 - 1979/277
 LIVETIME: 2079.1s
 ROLL ANGLE: -105.3°

NH: $3.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:



EG 054 (L745-46A) STELLAR OBSERVATIONS, WHITE DWARFS

FIELD CENTER: 07^h38^m00.0^s -17°16'59" (B1950)
07^h40^m14.8^s -17°23'59" (J2000)
 ℓ : 233.94 b : 2.47

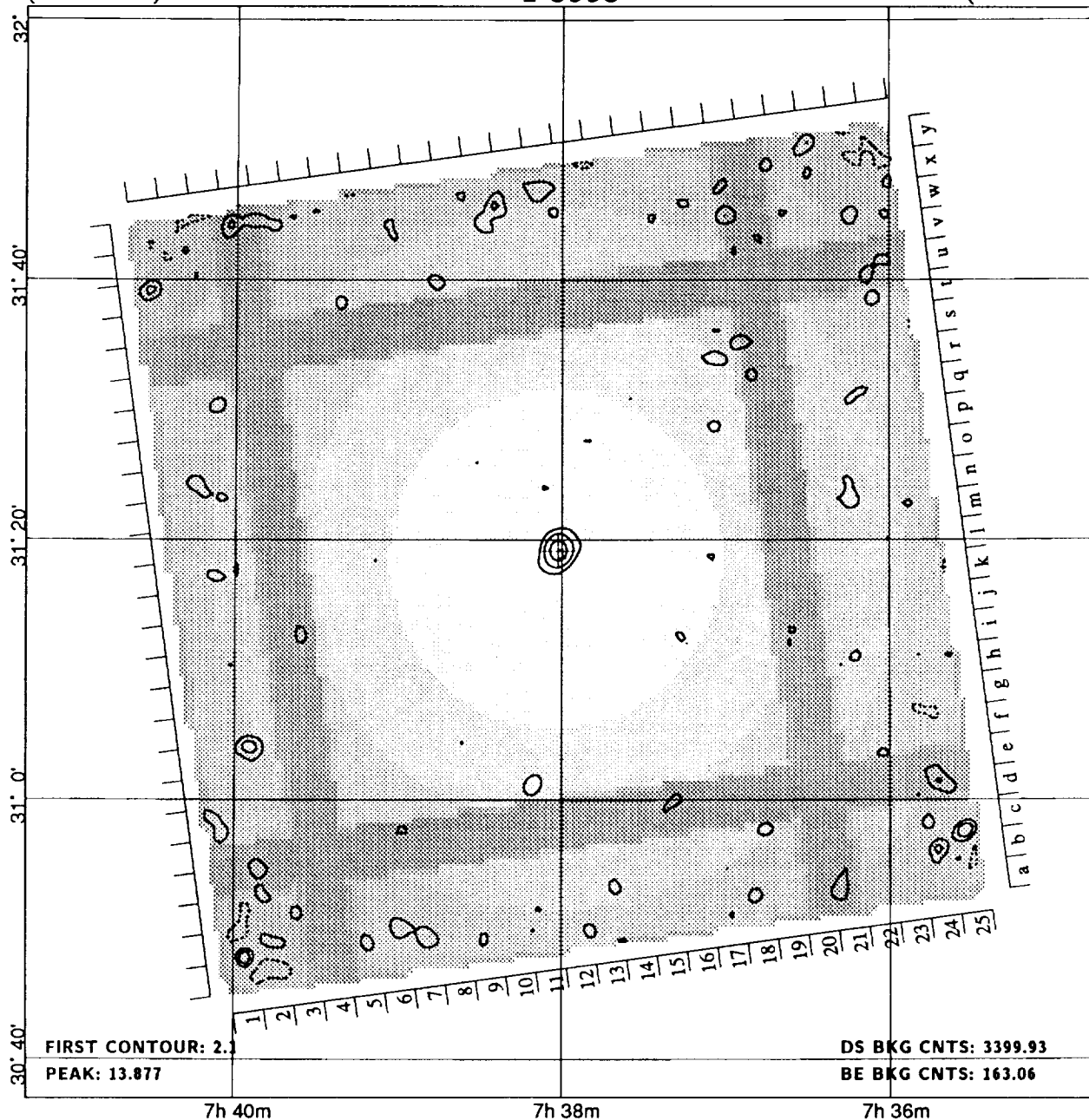
DATE: 1979/283 - 1979/283
LIVETIME: 4915.0s
ROLL ANGLE: -90.3°

NH: 5.1E+21
REF/ID:
FIELD FLAGS:

(7h 38m)

I 3993

(7h 38m)



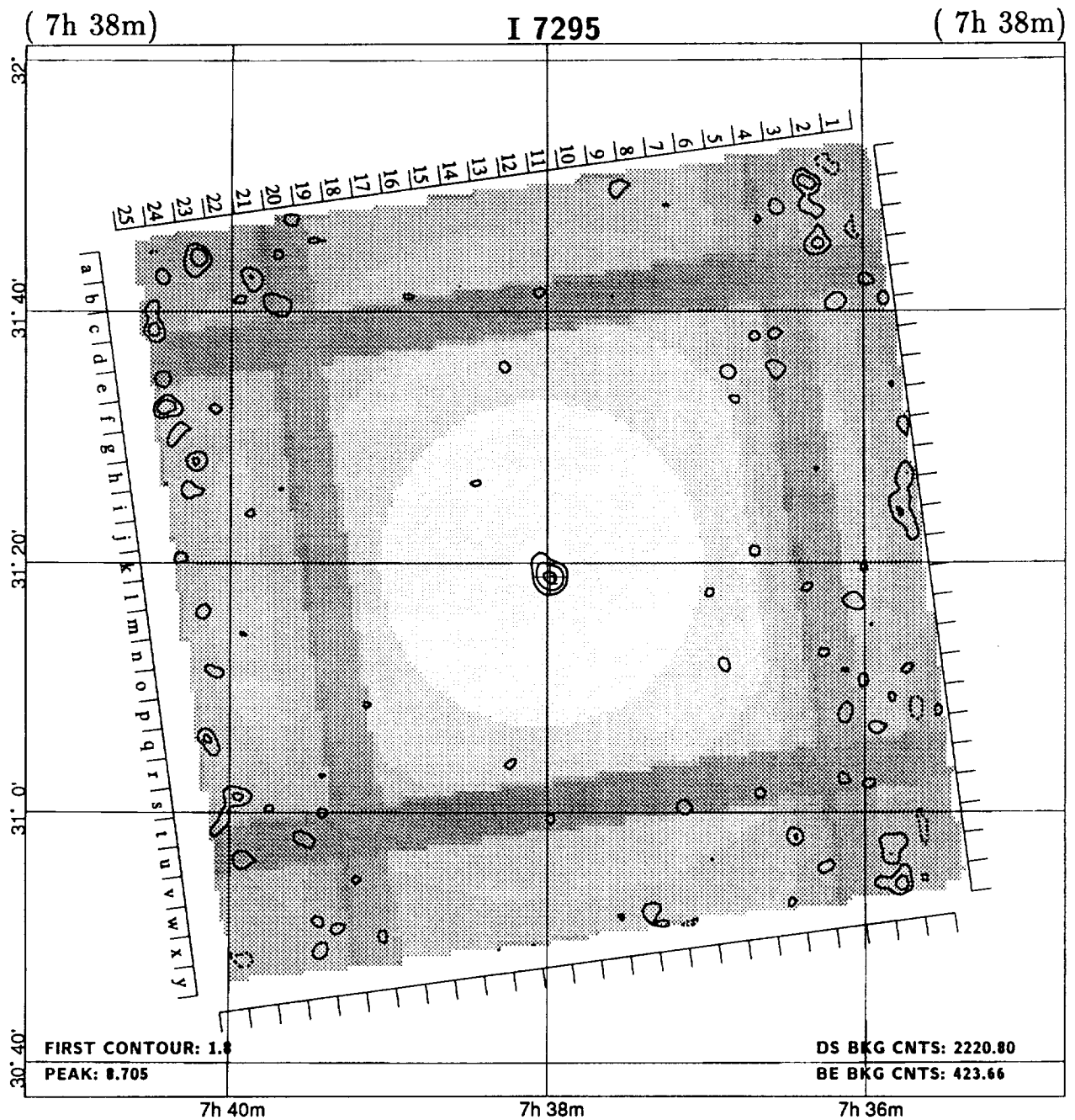
0738+313, OPTICALLY-QUIET COMPACT RADIO SOURCE

FIELD CENTER: 07^h38^m00.2^s 31°19'01" (B1950)
07^h41^m10.7^s 31°12'00" (J2000)
 ℓ : 188.64 b : 23.59

DATE: 1979/299 - 1979/299
LIVETIME: 2755.1s
ROLL ANGLE: -97.7°

NH: 4.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1856	1	07 38 01.3	31 19 09	35	0.0217	0.0035	44.7	8.3	6.1	0.9	0	0.4	AH	Q



0738+31, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: 07^h38^m00.4^s 31°19'17" (B1950)
07^h41^m10.9^s 31°12'15" (J2000)
 ℓ : 188.63 b : 23.59

DATE: 1980/114 - 1980/114
LIVETIME: 1864.2s
ROLL ANGLE: 82.4°

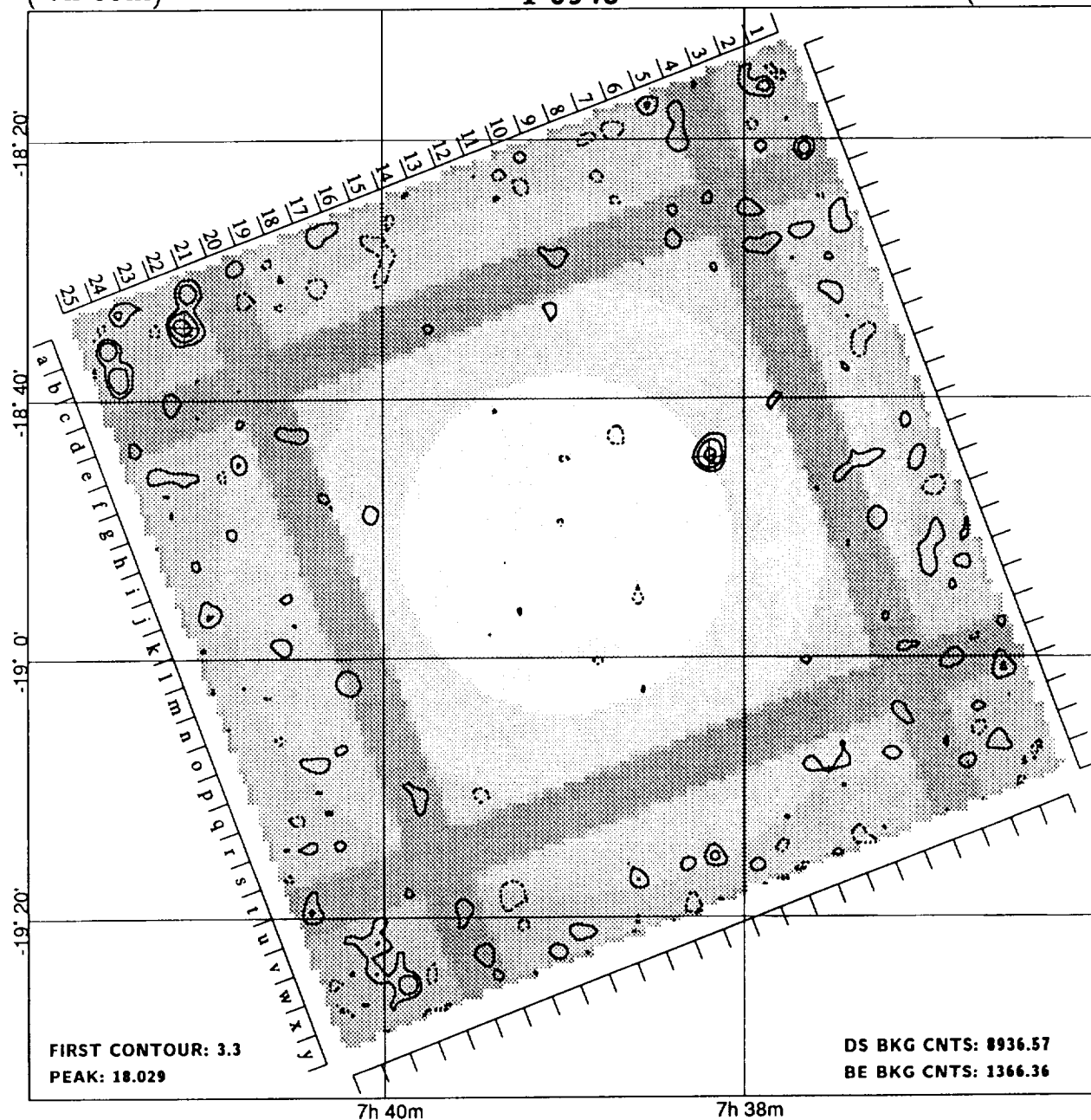
NH: 4.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1856	1	07 37 59.0	31 18 53	35	0.0236	0.0045	32.8	6.2	5.3	0.9	0	0.4	AH	Q

(7h 39m)

I 6948

(7h 39m)



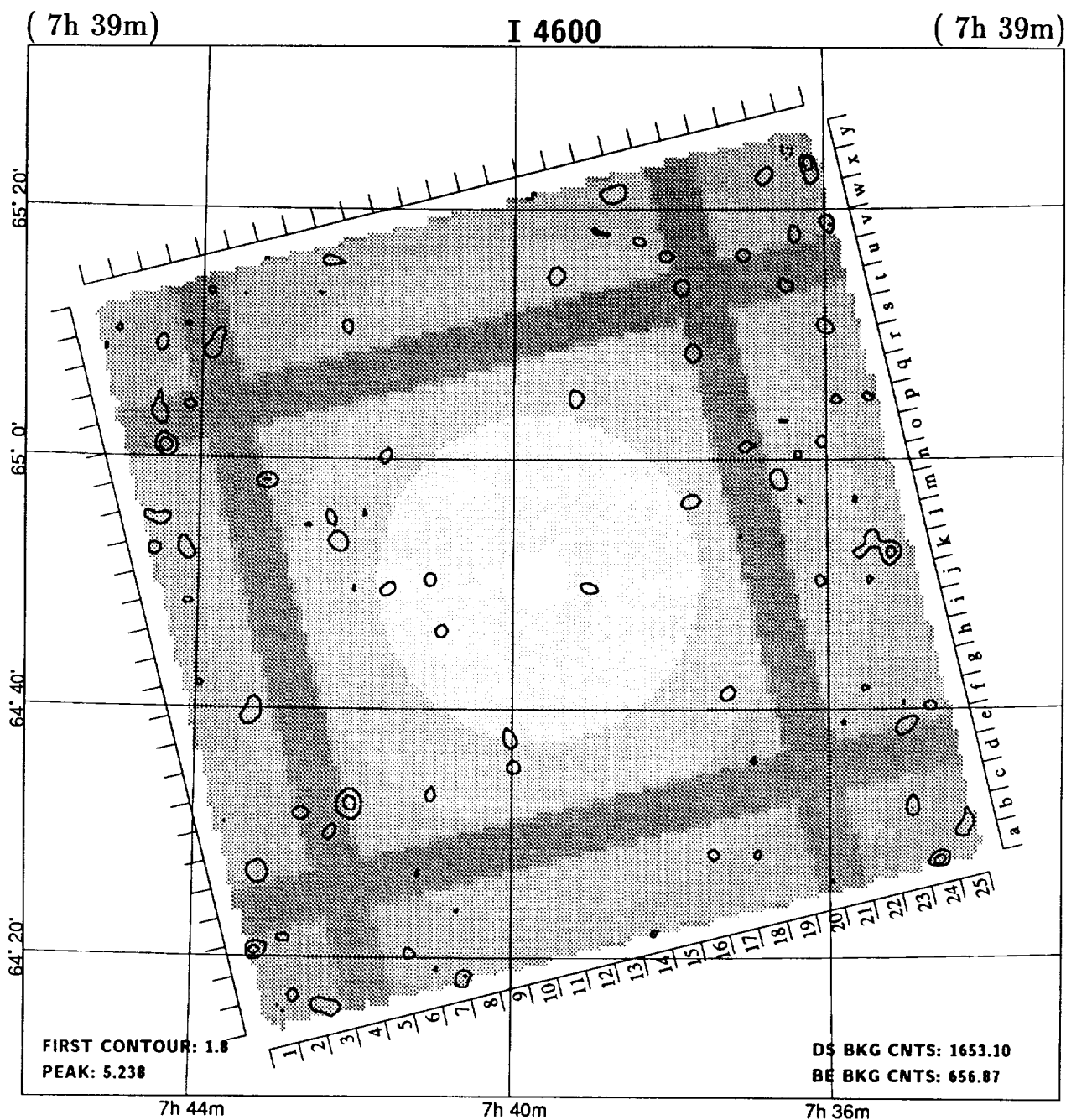
VV 1-7, X-RAY FLUX FROM CENTRAL STARS OF PLANETARY NEBULAE

FIELD CENTER: 07^h39^m00.0^s -18°51'59" (B1950)
07^h41^m13.0^s -18°59'03" (J2000)
 ℓ : 235.43 b : 1.89

DATE: 1980/125 - 1980/125
LIVETIME: 7501.6s
ROLL ANGLE: 69.1°

NH: 4.7E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1857	1	07 38 11.5	-18 44 26	41	0.0106	0.0018	49.3	21.7	5.9	0.8	0	13.6	H	
1865	2	07 41 05.3	-18 34 18	55	0.0118	0.0029	25.0	12.0	4.1	1.1	200	34.6	H	



MKN 80: S-TYPE MARKARIAN GALAXY

FIELD CENTER: 07^h39^m36.0^s 64°50'59" (B1950)
07^h44^m17.8^s 64°43'48" (J2000)
 l : 151.59 b : 29.95

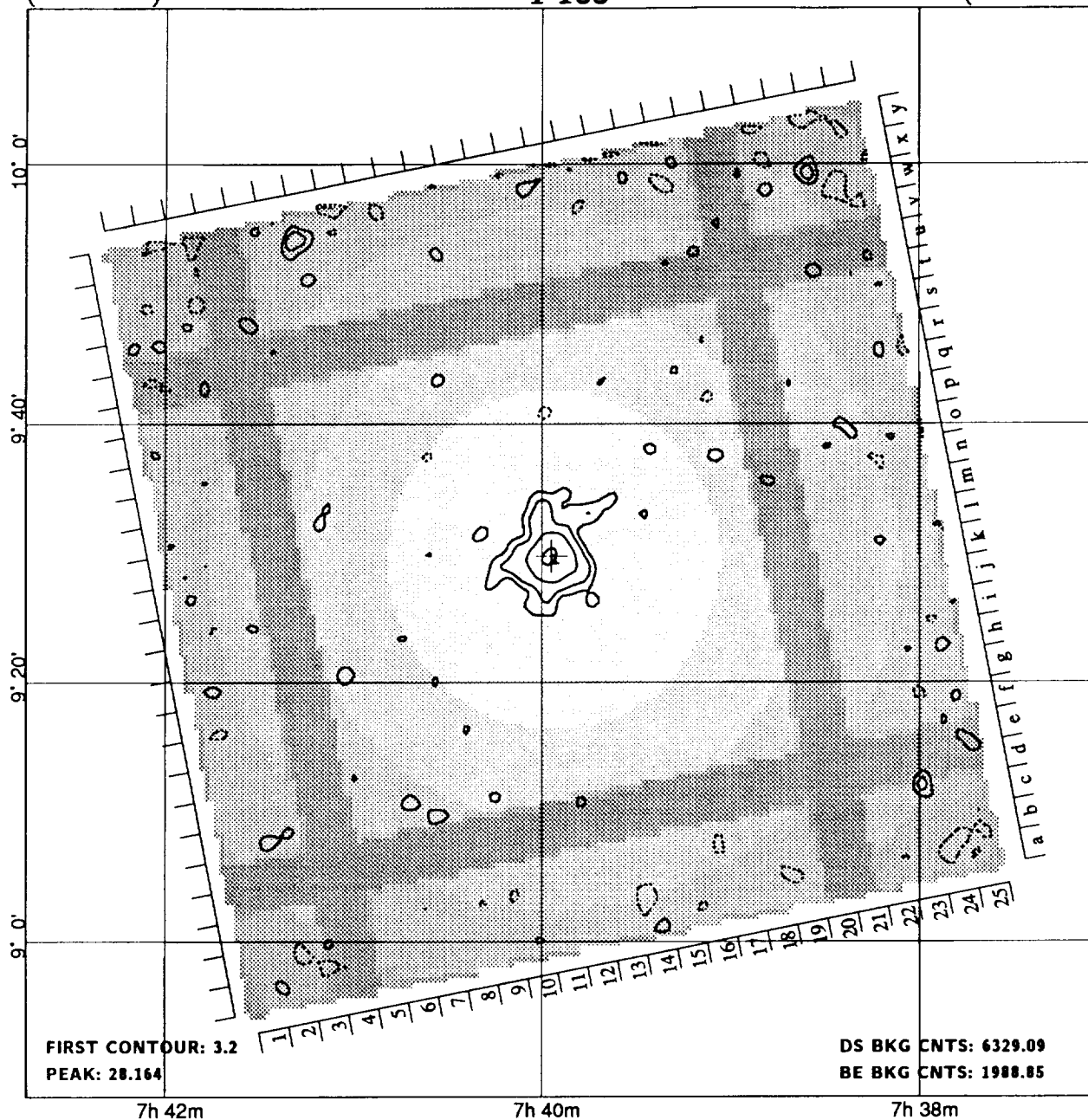
DATE: 1979/279 - 1979/279
LIVETIME: 1339.6s
ROLL ANGLE: -104.0°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

(7h 39m)

I 183

(7h 39m)



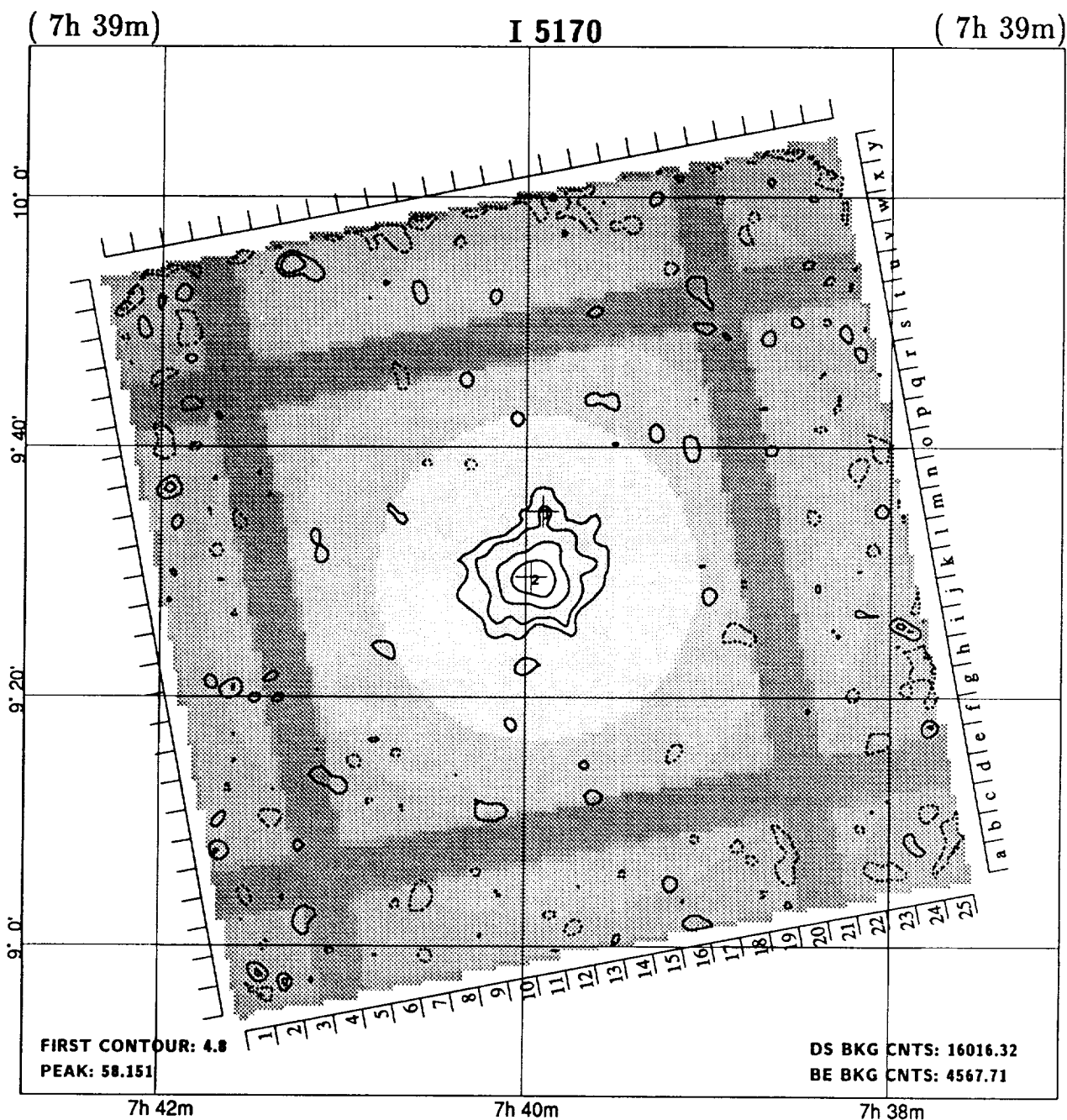
A592 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $07^{\text{h}}39^{\text{m}}54.0^{\text{s}}$ $09^{\circ}29'59''$ (B1950)
 $07^{\text{h}}42^{\text{m}}37.8^{\text{s}}$ $09^{\circ}22'51''$ (J2000)
 $l: 210.23$ $b: 15.59$

DATE: 1979/297 - 1979/297
 LIVETIME: 5128.7s
 ROLL ANGLE: -101.0°

NH: $4.5\text{E}+20$
 REF/ID:
 FIELD FLAGS: CL

CAT . FLD	RA	DEC	\pm	COUNT	\pm	NET	BKG	S/N	SIZE	RECO	R'	SRC	ID
# #	(1950)	(1950)	"	RATE		CTS	CTS		COR			FLG	
1860 1L	07 39 56.9	09 29 44	31	0.0196	0.0042	75.1	88.9	4.6	2.8	0	1.0	A	CLG



FIELD CENTER: 07^h39^m54.0^s 09°29'59" (B1950)
07^h42^m37.8^s 09°22'51" (J2000)
l: 210.23 *b*: 15.59

DATE: 1979/295 - 1979/296
LIVETIME: 12978.5s
ROLL ANGLE: -100.8°

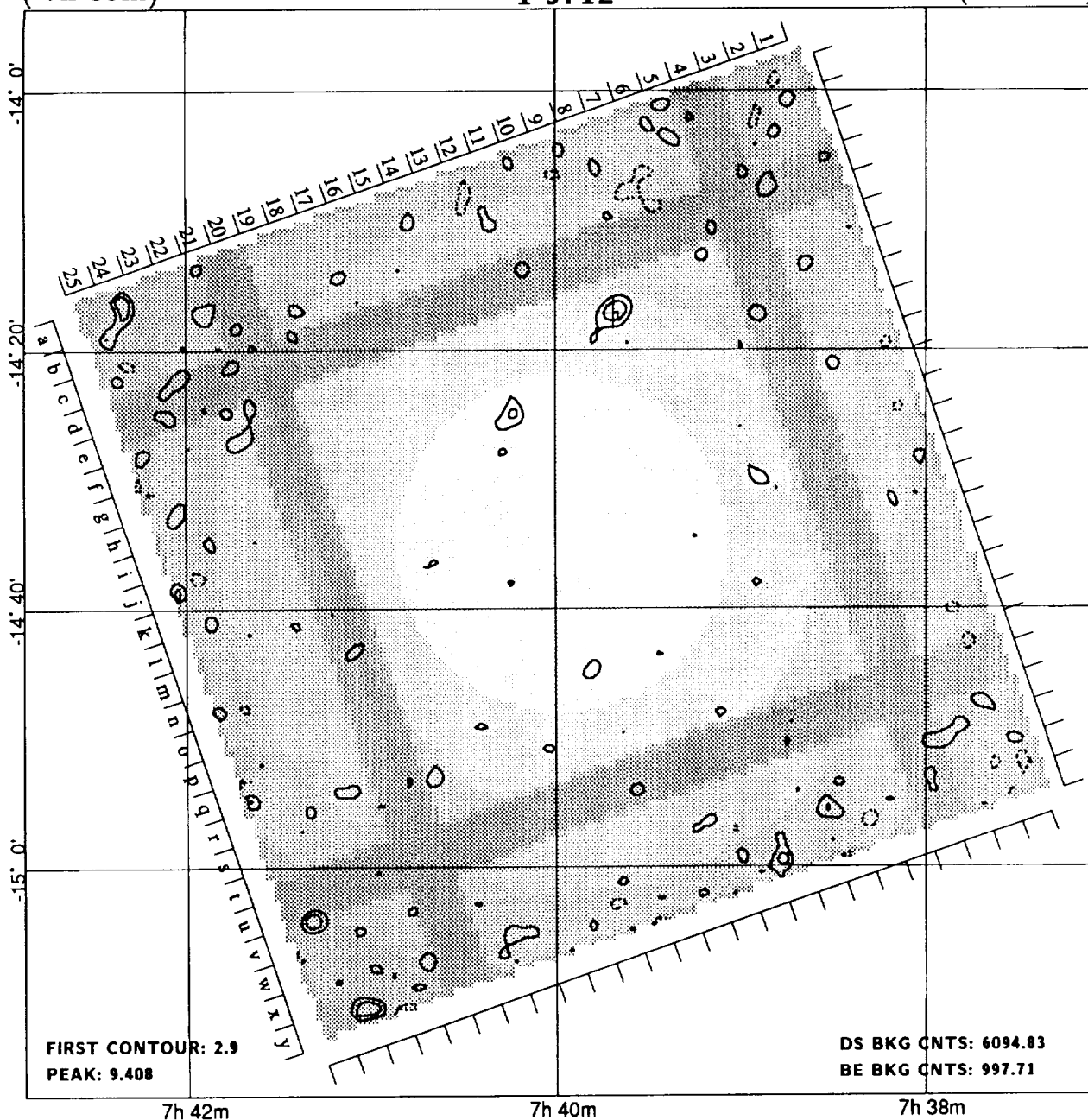
NH: 4.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1859	1	07 39 54.5	09 34 53	36	0.0046	0.0011	42.1	54.9	4.3	24.0	0	4.9	H	
1860	2	07 39 58.3	09 29 42	31	0.0316	0.0019	305.6	48.4	16.2	4.0	0	0.4	AH	CLG

(7h 39m)

I 9712

(7h 39m)



SUBSTITUTE TARGET OH 231.8+4.2

FIELD CENTER: 07^h39^m58.9^s -14°35'43" (B1950)
 07^h42^m16.8^s -14°42'51" (J2000)
 ℓ : 231.84 b : 4.22

DATE: 1981/ 97 - 1981/ 97
 LIVETIME: 4938.8s
 ROLL ANGLE: 71.1°

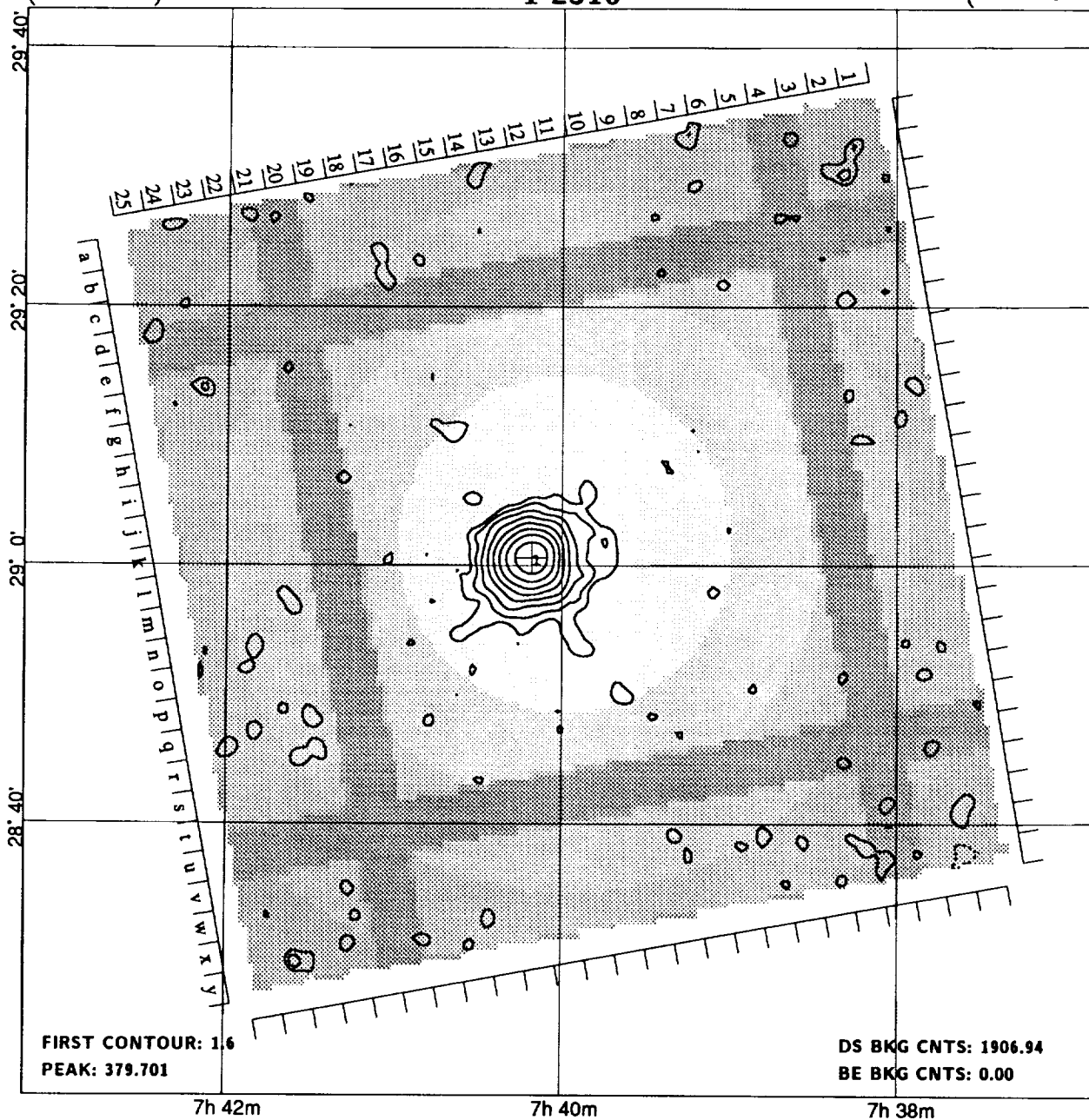
NH: 3.1E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1858	1	07 39 41.1	-14 17 07	52	0.0091	0.0023	24.3	12.7	4.0	0.8	0	19.3	H

(7h 40m)

I 2310

(7h 40m)



SIGMA GEM=HD62044: STELLAR SURVEY: RS CVN AND BY DRA STARS

FIELD CENTER: 07^h40^m00.0^s 29°00'59" (B1950)
07^h43^m07.1^s 28°53'50" (J2000)
 ℓ : 191.16 b : 23.24

DATE: 1979/ 99 - 1979/ 99
LIVETIME: 1545.2s
ROLL ANGLE: 79.8°

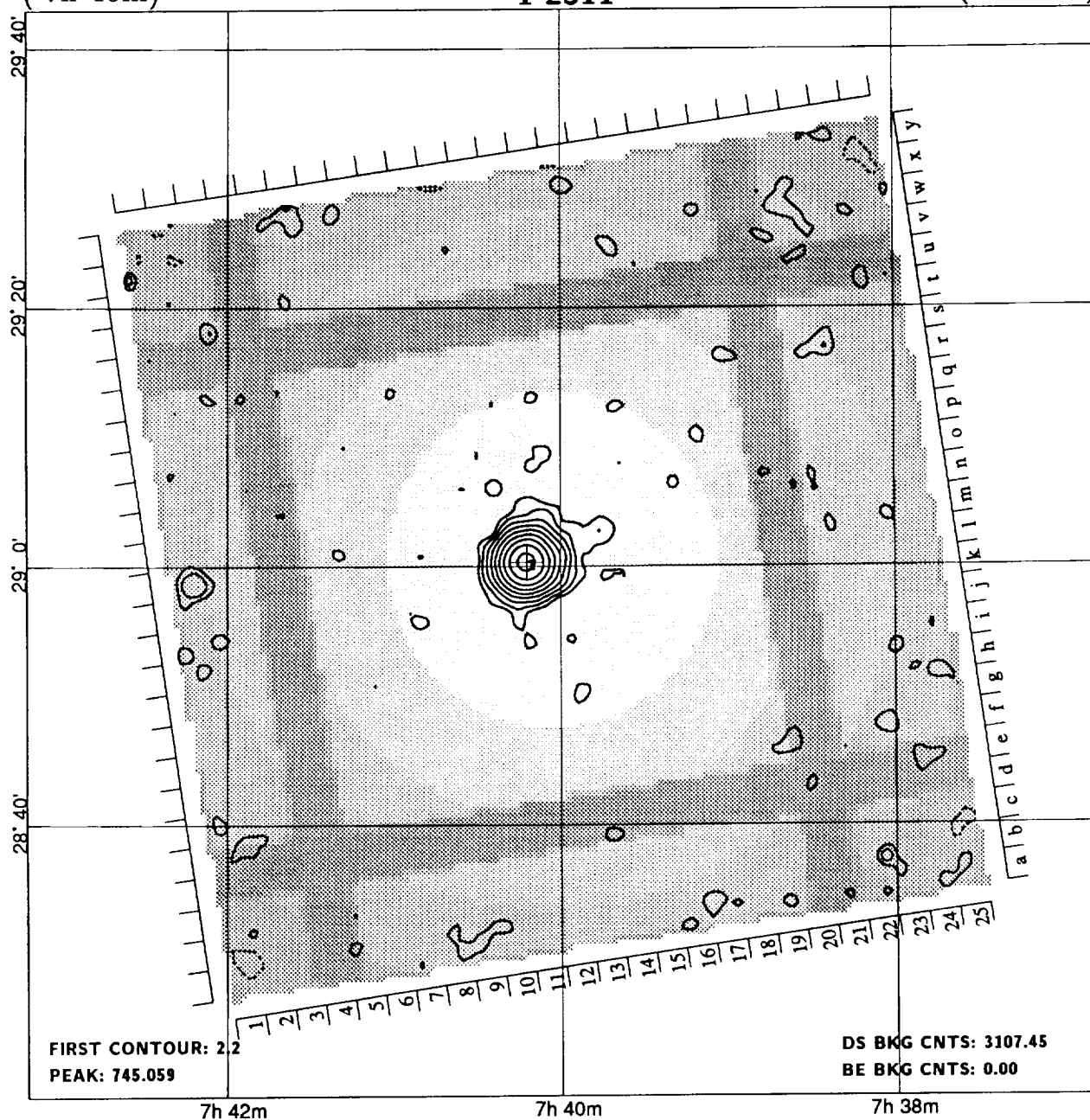
NH: 4.6E+20
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1861	1L	07 40 10.8	29 00 35	31	1.212 0.044	1368.4	456.6	27.3	1.7	0	2.3	A S

(7h 40m)

I 2311

(7h 40m)



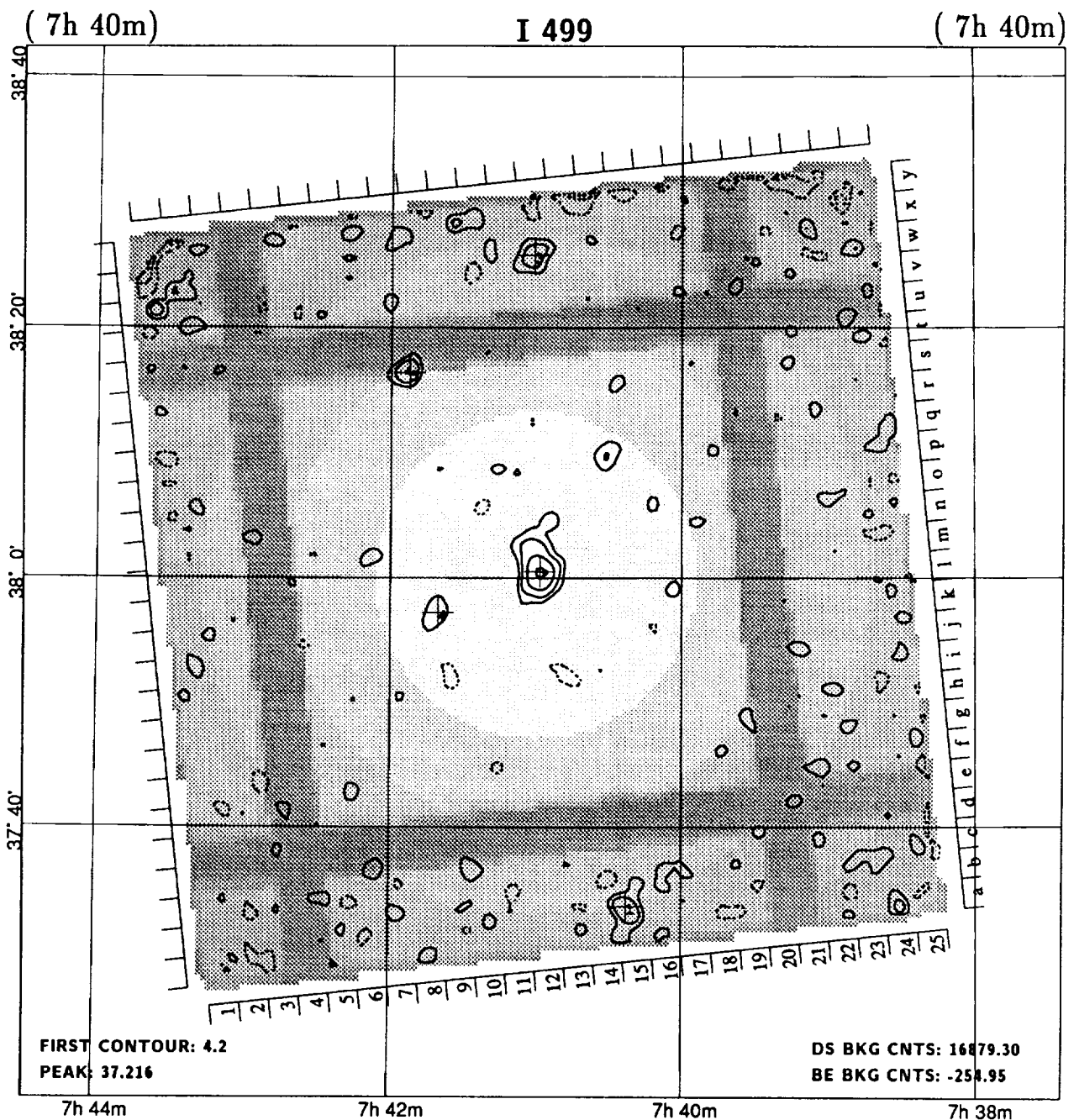
SIGMA GEM=HD62044: STELLAR SURVEY: RS CVN AND BY DRA STARS

FIELD CENTER: $07^h 40^m 00.0^s$ $29^\circ 00' 59''$ (B1950)
 $07^h 43^m 07.1^s$ $28^\circ 53' 50''$ (J2000)
 ℓ : 191.16 b : 23.24

DATE: 1979/300 - 1979/300
 LIVETIME: 2518.1s
 ROLL ANGLE: -98.3°

NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1861	1L	07 40 12.2	29 00 19	31	1.557	0.035	2891.2	353.8	44.7	1.3	0	2.8	A	S



FIELD CENTER: 07^h40^m56.7^s 38°00'30" (B1950)
07^h44^m17.4^s 37°53'17" (J2000)
 ℓ : 181.79 b : 26.14

DATE: 1979/301 - 1979/302
LIVETIME: 13677.8s
ROLL ANGLE: -96.0°

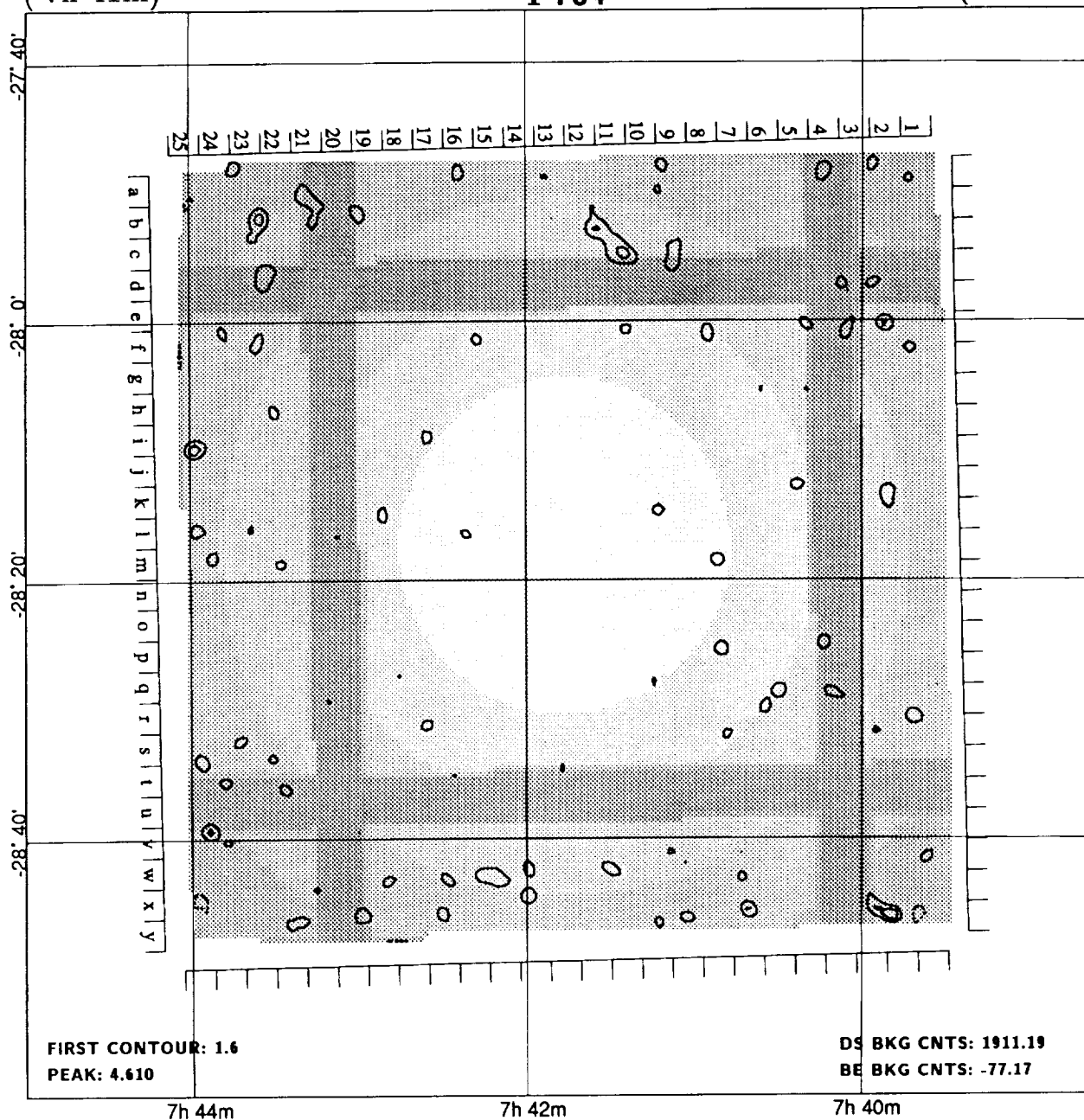
NH: 5.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1862	1	07 40 22.5	37 33 40	55	0.0068	0.0015	36.4	24.6	4.7	1.3	0	27.3	H	
1863	2	07 40 58.3	38 00 31	31	0.0150	0.0014	153.1	38.9	11.0	1.4	0	0.4	H	Q
1864	3	07 41 01.0	38 25 48	55	0.0057	0.0014	32.5	28.5	4.2	0.8	0	25.5	H	
1868	4	07 41 40.4	37 57 16	44	0.00326	0.00090	30.4	39.6	3.6	0.6	0	9.3	H	
1869	5	07 41 52.4	38 16 23	51	*0.0059	0.0012	42.5	27.5	5.1	0.7	805	19.3	H	

(7h 41m)

I 784

(7h 41m)



FIELD CENTER: $07^h 41^m 48.0^s$ $-28^\circ 17' 59''$ (B1950)
 $07^h 43^m 49.2^s$ $-28^\circ 25' 14''$ (J2000)
 ℓ : 243.92 b : -2.27

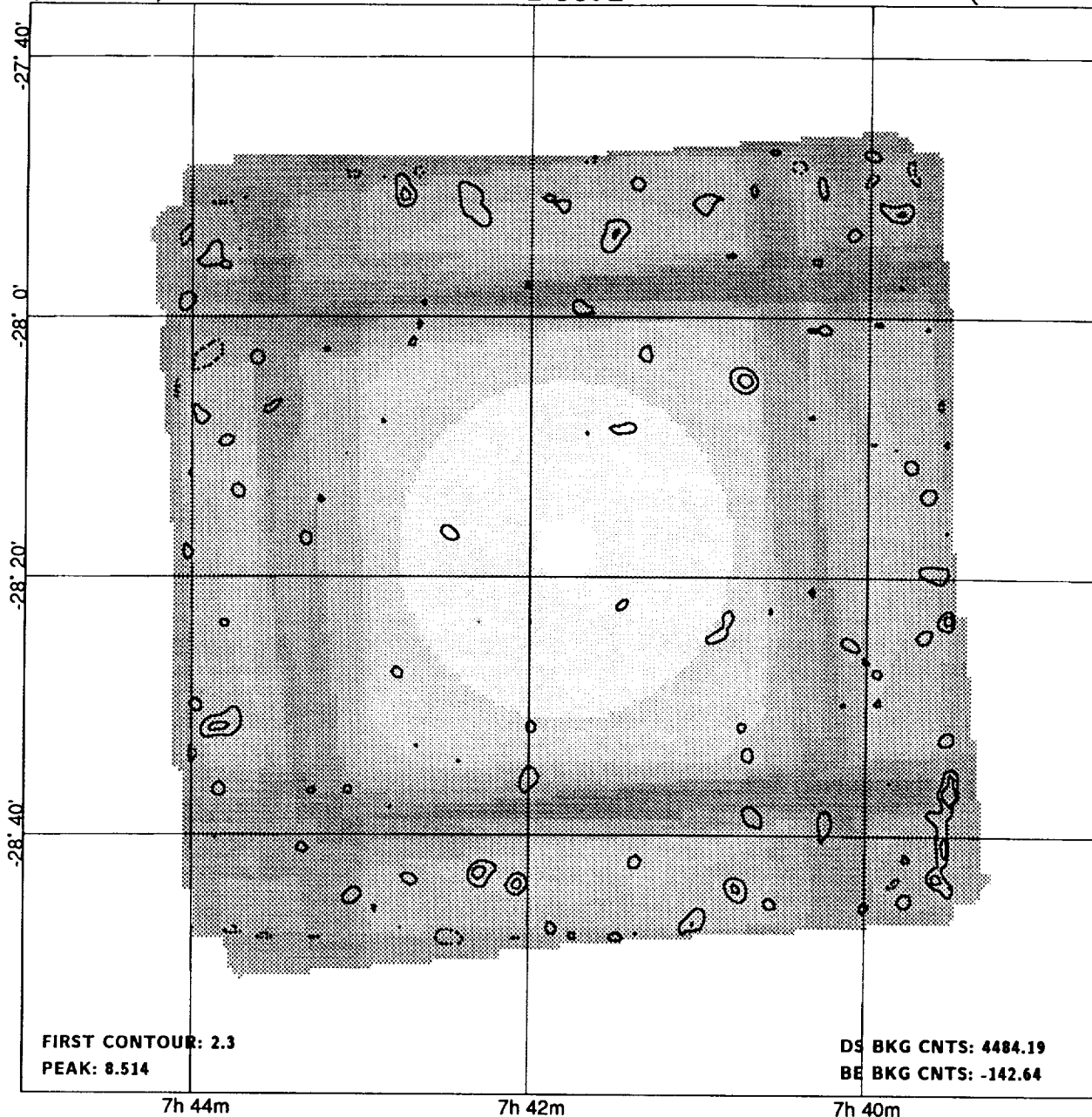
DATE: 1979/100 - 1979/100
 LIVETIME: 1548.7s
 ROLL ANGLE: 88.9°

NH: $5.6E+21$
 REF/ID:
 FIELD FLAGS: C

(7h 41m)

I 3872

(7h 41m)

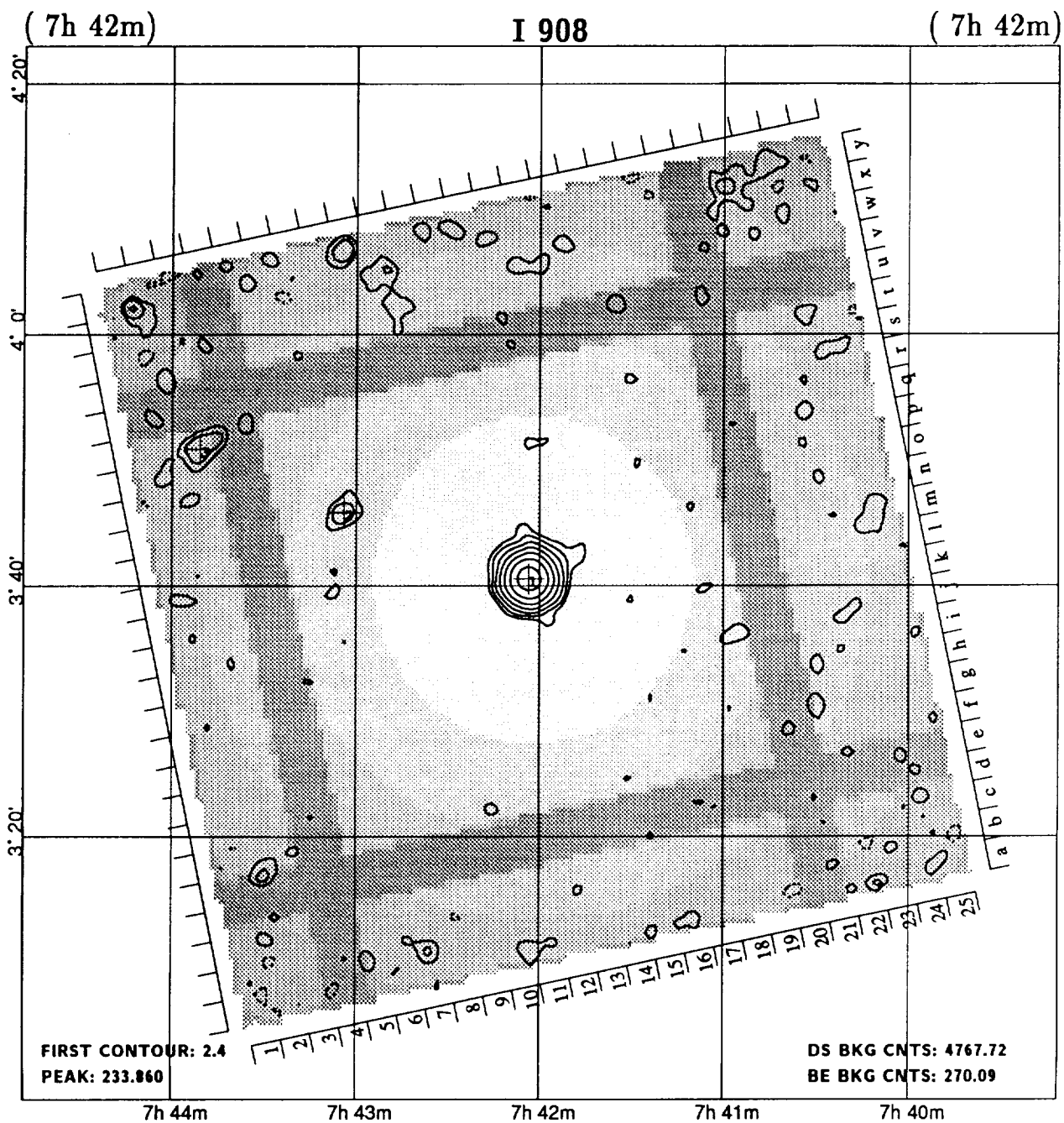


PSR 0740-28, RADIO PULSAR

FIELD CENTER: $07^h 41^m 48.0^s$ $-28^\circ 17' 59''$ (B1950)
 $07^h 43^m 49.2^s$ $-28^\circ 25' 14''$ (J2000)
 $l: 243.92$ $b: -2.27$

DATE: 1979/100 - 1979/290
LIVETIME: 3633.7s

NH: $5.6E+21$
REF/ID:
FIELD FLAGS: C



YZ CMI (GLS285) STELLAR OBSERVATIONS, VARIABLE STARS

FIELD CENTER: 07^h42^m00.0^s 03°40'59" (B1950)
07^h44^m37.5^s 03°33'43" (J2000)
 ℓ : 215.84 b : 13.45

DATE: 1979/298 - 1979/298
LIVETIME: 3863.5s
ROLL ANGLE: -101.7°

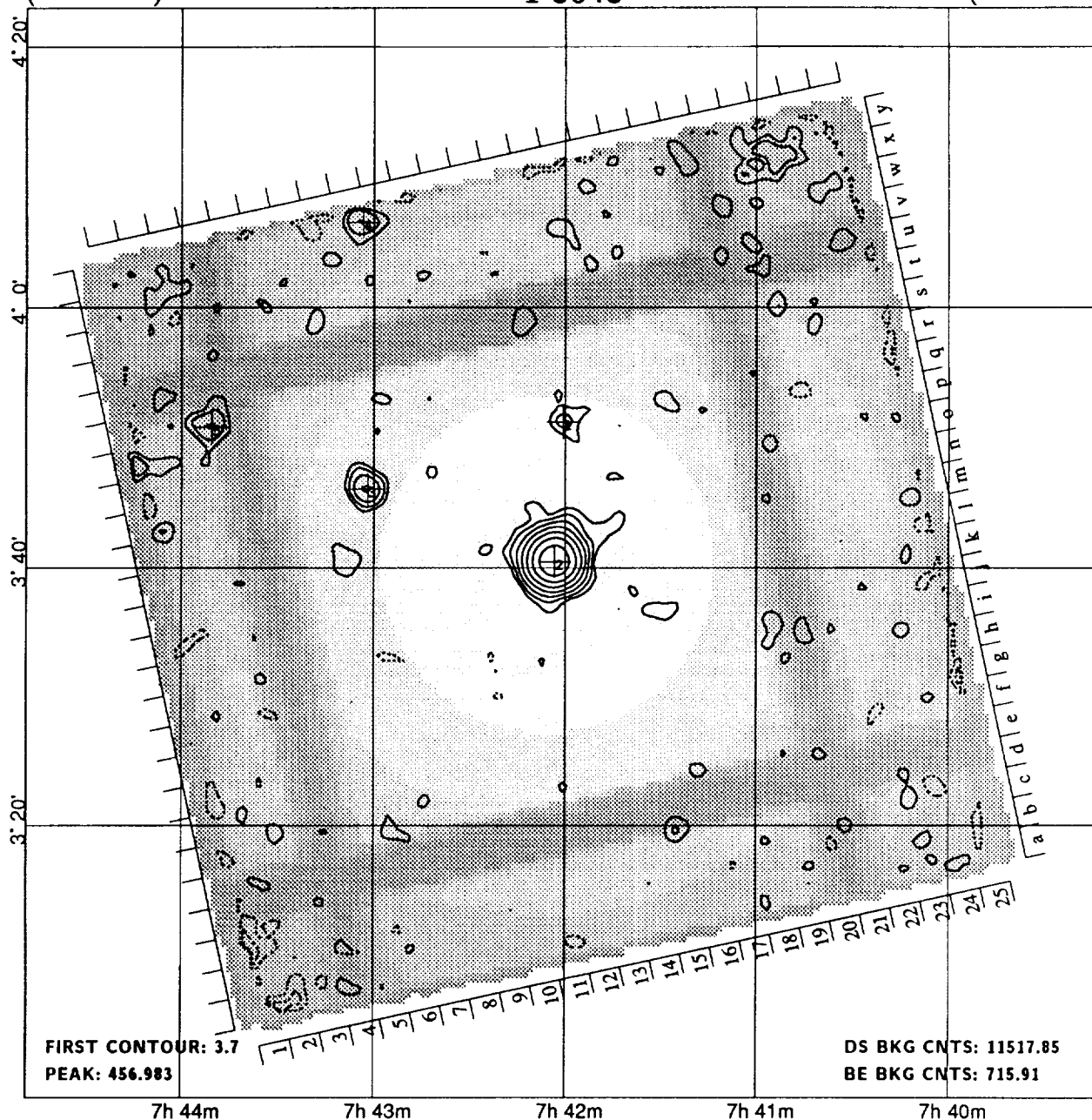
NH: 6.0E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1871	1	07 42 03.5	03 40 32	31	0.372	0.011	1071.4	11.6	32.6	1.4	0	1.0	AH	S
1874	2	07 43 04.0	03 45 52	52	0.0109	0.0027	23.8	10.2	4.1	0.8	0	16.7	AH	S
1876	3	07 43 50.8	03 50 54	56	*0.0135	0.0037	19.1	7.9	3.7	1.2	1001	29.7	AH	S

(7h 42m)

I 3048

(7h 42m)



SEARCH FOR FLARE X-RAY EMISSION FROM YZ CMI

FIELD CENTER: 07^h42^m00.0^s 03°40'59" (B1950)
07^h44^m37.5^s 03°33'43" (J2000)
 l : 215.84 b : 13.45

DATE: 1979/299 - 1979/300
LIVETIME: 9333.3s
ROLL ANGLE: -102.2°

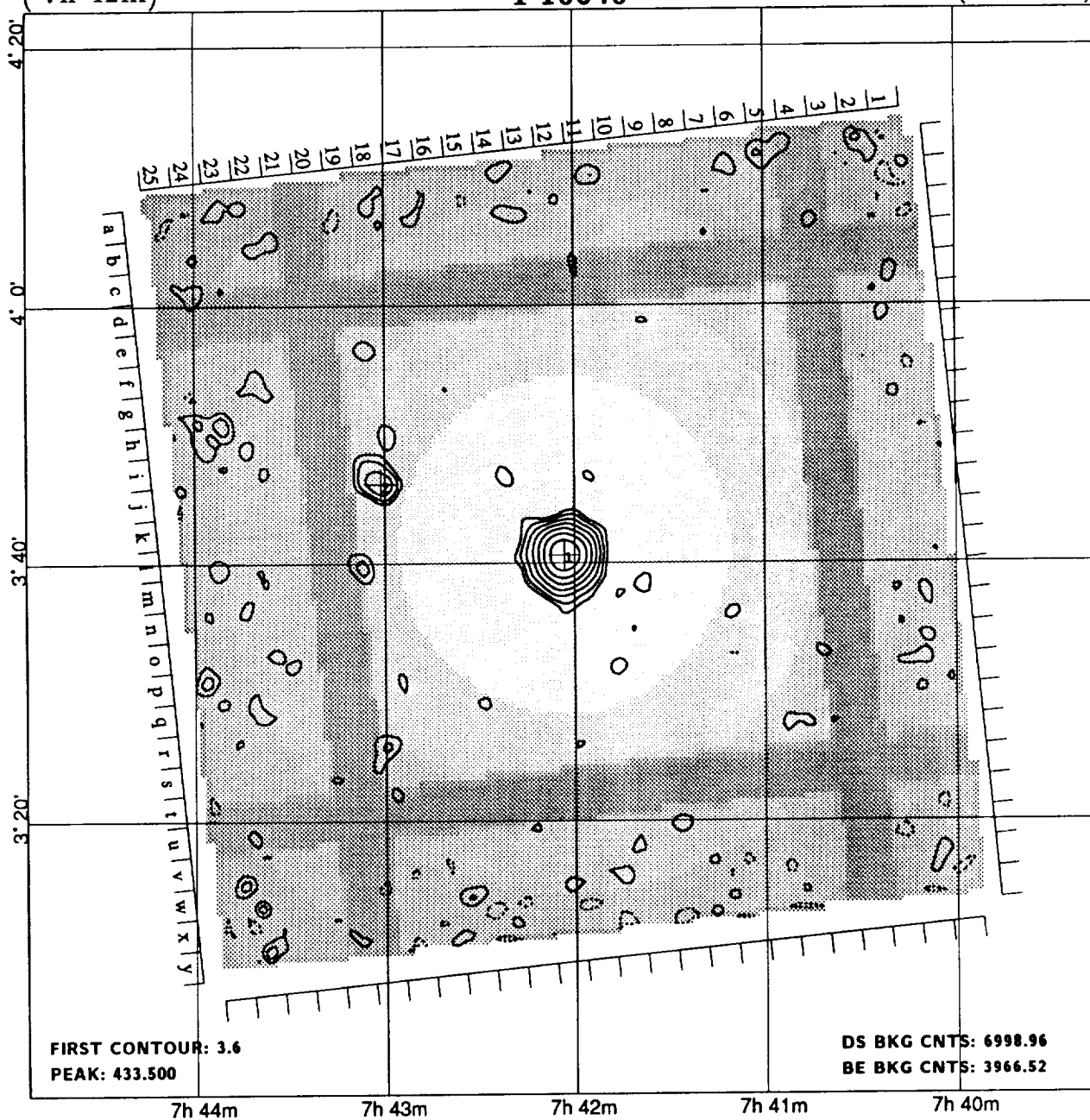
NH: 6.0E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1870	1	07 42 00.6	03 51 08	42	0.0050	0.0012	30.6	26.4	4.1	0.8	0	10.3	H	
1871	2	07 42 03.4	03 40 28	31	0.2983	0.0066	2079.4	30.6	45.3	1.4	0	1.0	AH	S
1874	3	07 43 02.0	03 45 59	48	0.0163	0.0020	89.7	27.3	8.3	0.9	0	16.4	AH	S
1875	4	07 43 03.3	04 06 29	55	0.0096	0.0024	28.7	21.3	4.1	0.9	500	29.9	H	
1876	5	07 43 50.6	03 50 45	55	*0.0080	0.0019	28.2	16.8	4.2	1.1	1206	29.3	AH	S

(7h 42m)

I 10640

(7h 42m)



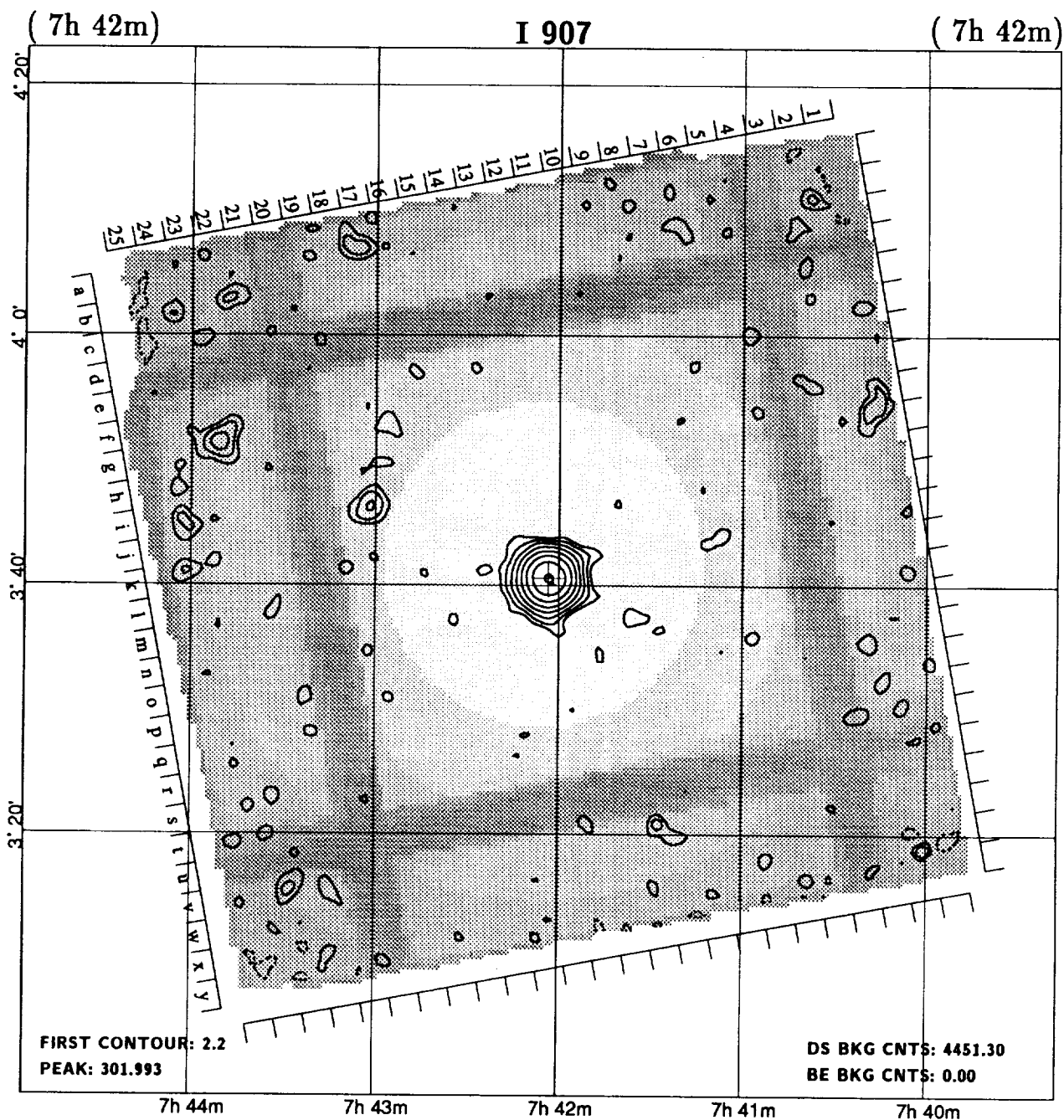
YZ CMI, STELLAR VARIABILITY

FIELD CENTER: 07^h42^m04.8^s 03°40'47" (B1950)
07^h44^m42.3^s 03°33'31" (J2000)
 l : 215.85 b : 13.47

DATE: 1981/ 91 - 1981/ 91
LIVETIME: 5671.5s
ROLL ANGLE: 84.3°

NH: 6.0E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1871	1L	07 42 03.3	03 40 37	31	0.407	0.012	1719.9	351.1	32.8	1.4	0	0.5	A	S
1874	2L	07 43 01.3	03 46 10	50	0.0199	0.0035	66.4	31.6	5.5	1.1	0	15.0	A	S



YZ CMI (GLS285) STELLAR OBSERVATIONS, VARIABLE STARS

FIELD CENTER: 07^h 42^m 05.6^s 03° 40' 58" (B1950)
07^h 44^m 43.1^s 03° 33' 41" (J2000)
 l : 215.85 b : 13.47

DATE: 1979/117 - 1980/105
LIVETIME: 3607.0s
ROLL ANGLE: 79.5°

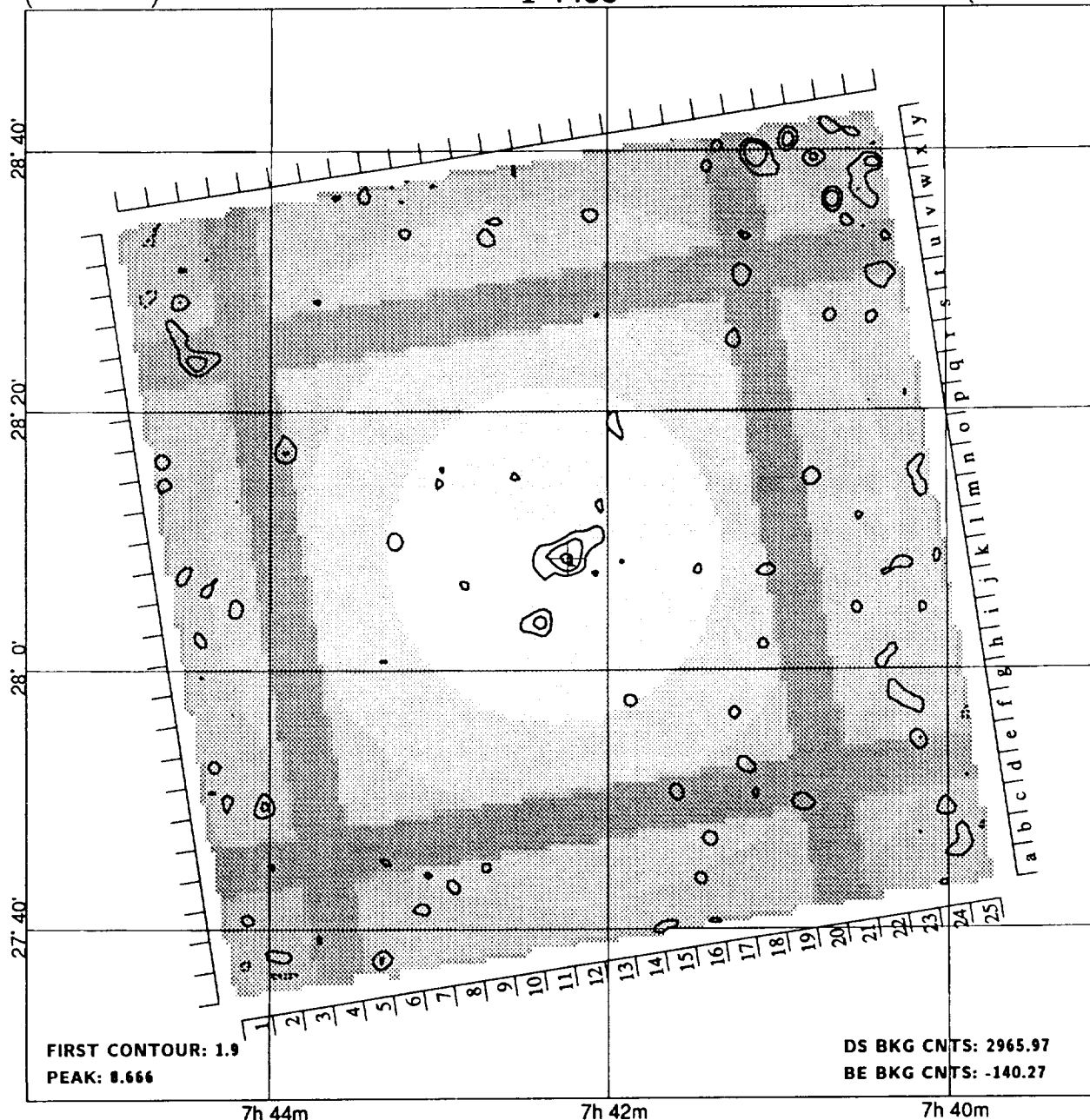
NH: 6.0E+20
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1871	1L	07 42 03.4	03 40 34	31	0.442	0.016	1185.8	272.2	26.8	1.4	0	0.8	A	S

(7h 42m)

I 4453

(7h 42m)



BETA GEM, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

FIELD CENTER: 07^h42^m16.0^s 28°08'54" (B1950)
 07^h45^m21.8^s 28°01'36" (J2000)
 ℓ : 192.23 b : 23.42

DATE: 1979/300 - 1979/300
 LIVETIME: 2403.4s
 ROLL ANGLE: -98.7°

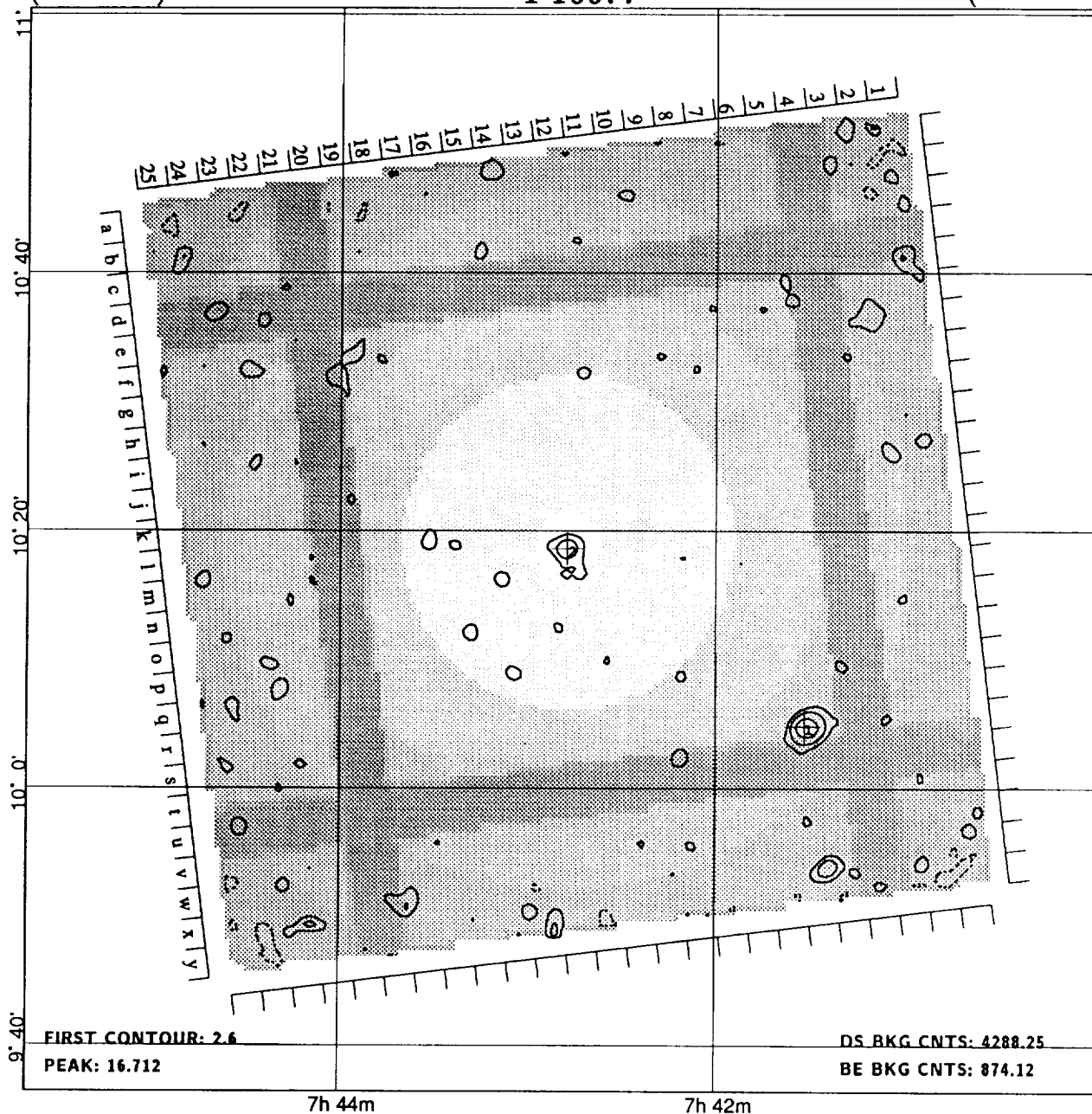
NH: 4.6E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1872	1	07 42 14.3	28 08 34	35	0.0217	0.0038	38.7	7.3	5.7	1.3	0	0.4	H	S

(7h 42m)

I 10077

(7h 42m)



FIELD CENTER: $07^h 42^m 48.5^s$ $10^\circ 18' 31''$ (B1950)
 $07^h 45^m 33.1^s$ $10^\circ 11' 11''$ (J2000)
 $l: 209.80$ $b: 16.59$

DATE: 1981/ 89 - 1981/ 89
 LIVETIME: 3474.9s
 ROLL ANGLE: 83.0°

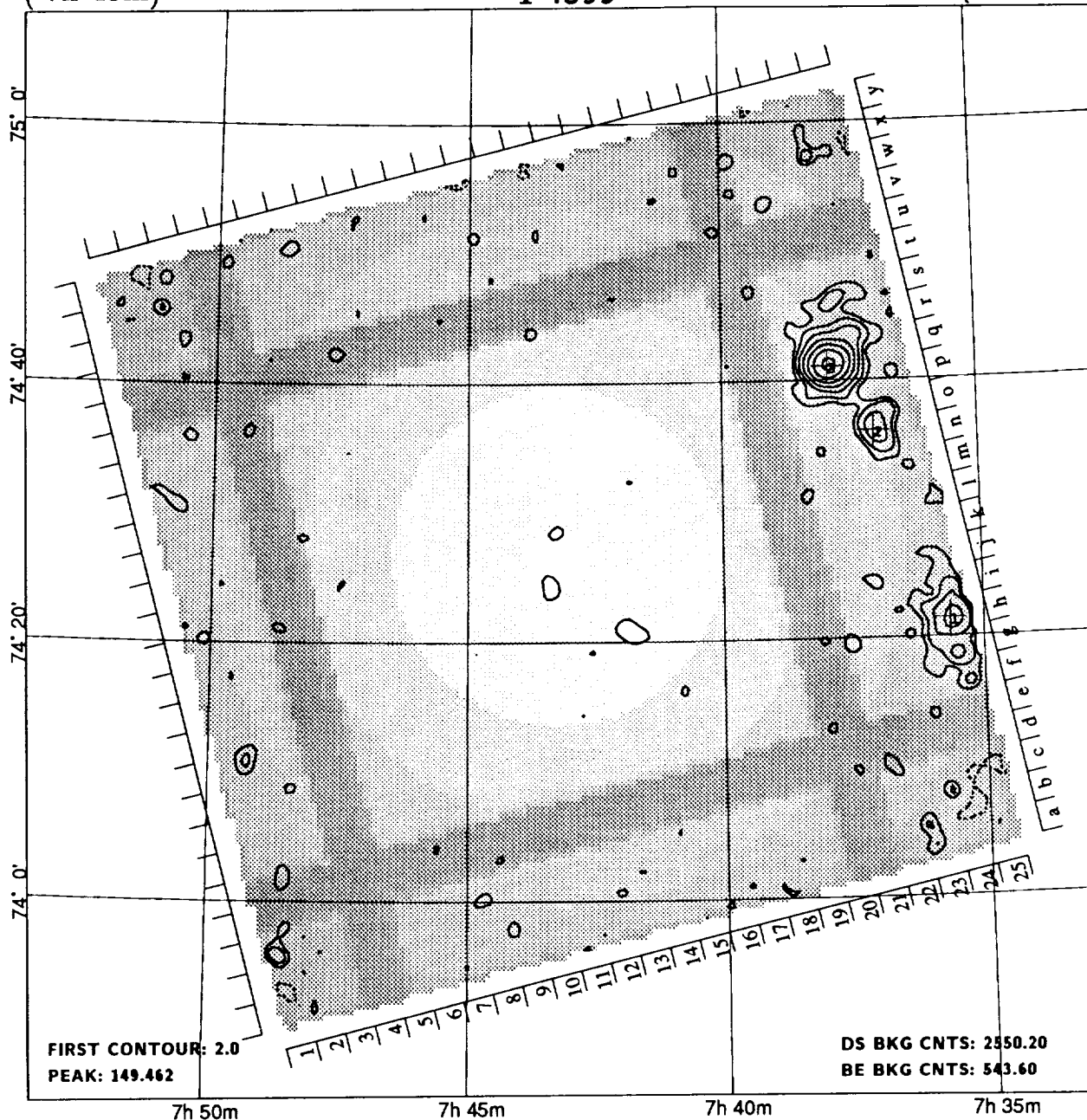
NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1867	1	07 41 31.6	10 04 48	51	*0.0209	0.0041	33.0	8.0	5.2	1.0	603	23.3	H	
1873	2	07 42 47.5	10 18 37	36	0.0104	0.0024	27.0	13.0	4.3	1.0	0	0.2	H	

(7h 43m)

I 4599

(7h 43m)



MKN 11: S-TYPE MARKARIAN GALAXY

FIELD CENTER: 07^h43^m12.0^s 74°26'59" (B1950)
 07^h49^m19.5^s 74°19'31" (J2000)
 l : 140.50 b : 29.94

DATE: 1979/280 - 1979/280
 LIVETIME: 2066.5s
 ROLL ANGLE: -104.0°

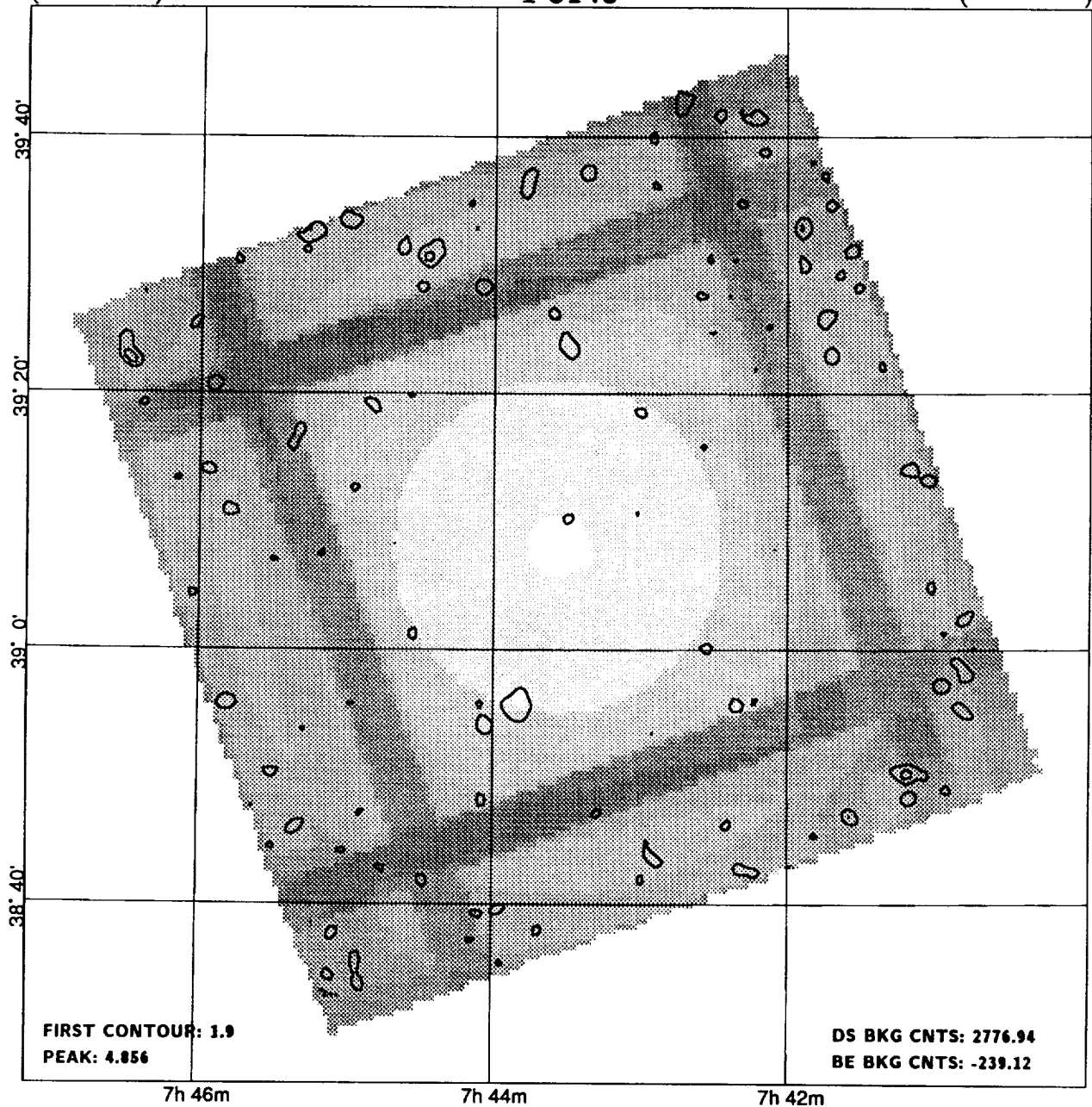
NH: 3.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1845	1	07 35 38.7	74 21 25	50	0.061	0.010	41.5	4.5	6.1	2.0	400	30.6	AH	
1852	2	07 37 01.8	74 36 06	51	0.0331	0.0069	27.7	5.3	4.8	15.2	0	26.2	H	
1855	3	07 37 54.5	74 41 04	47	0.367	0.021	319.2	4.8	17.7	1.4	0	25.5	AH	

(7h 43m)

I 3148

(7h 43m)



ARP 143: RING GALAXIES SURVEY

FIELD CENTER: $07^{\text{h}}43^{\text{m}}33.3^{\text{s}}$ $39^{\circ}08'05''$ (B1950)
 $07^{\text{h}}46^{\text{m}}55.6^{\text{s}}$ $39^{\circ}00'41''$ (J2000)
 l : 180.72 b : 26.93

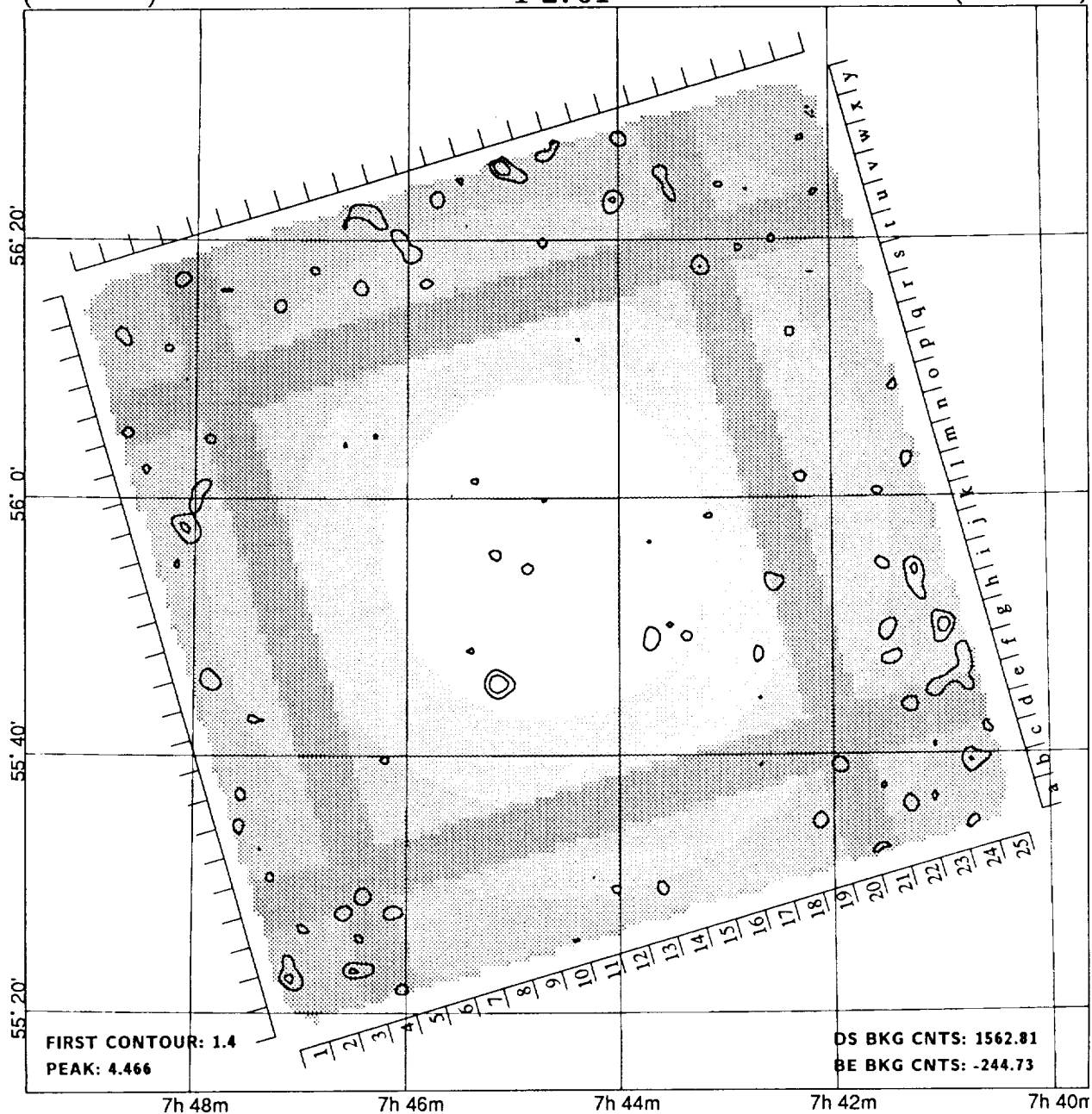
DATE: 1979/ 99 - 1979/279
LIVETIME: 2250.2s

NH: $5.6\text{E}+20$
REF/ID:
FIELD FLAGS:

(7h 44m)

I 2701

(7h 44m)



ACTIVE AND ABNORMAL GALAXIES: DA 240

FIELD CENTER: $07^h 44^m 36.0^s$ $55^\circ 55' 59''$ (B1950)
 $07^h 48^m 37.8^s$ $55^\circ 48' 30''$ (J2000)
 $l: 161.91$ $b: 30.05$

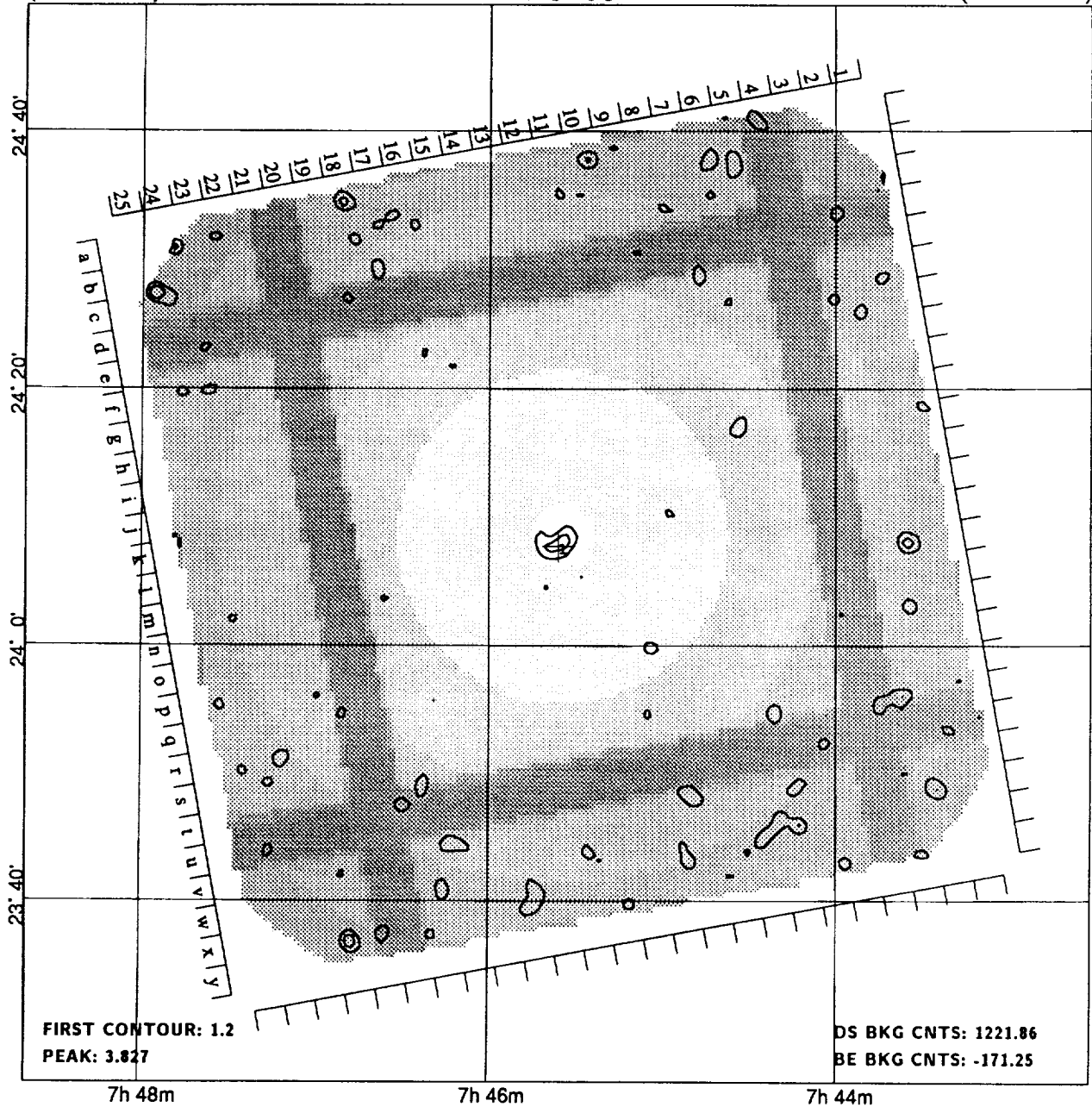
DATE: 1979/277 - 1979/277
 LIVETIME: 1266.4s
 ROLL ANGLE: -106.2°

NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

(7h 45m)

I 3263

(7h 45m)



EXTRAGALACTIC STRONG MILLIMETER SOURCES: 0745+24

FIELD CENTER: 07^h45^m35.8^s 24°07'54" (B1950)
07^h45^m36.2^s 24°00'23" (J2000)
 l : 196.61 b : 22.72

DATE: 1979/100 - 1979/100
LIVETIME: 990.1s
ROLL ANGLE: 79.5°

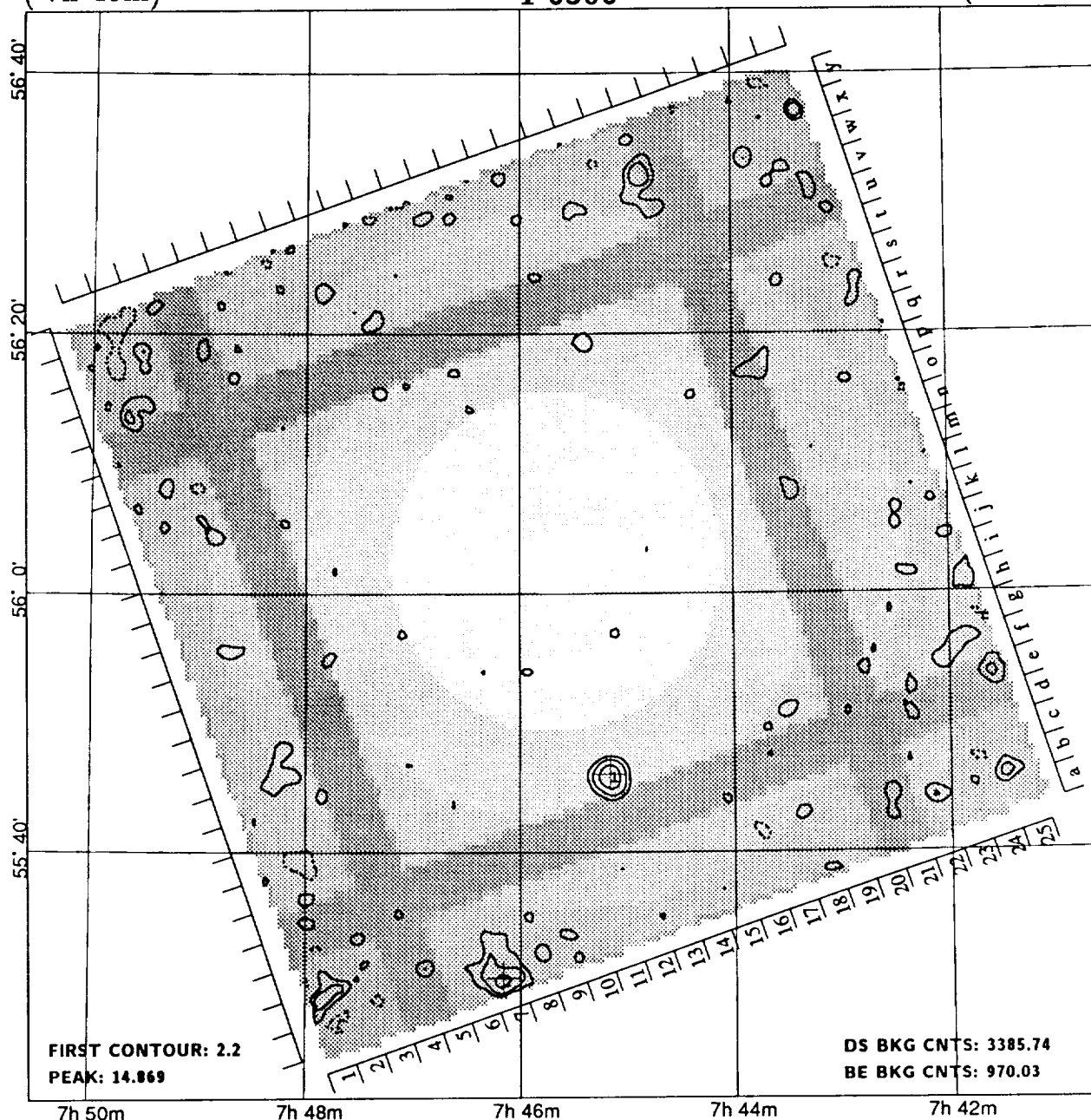
NH: 5.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1878	1	07 45 35.9	24 07 42	42	0.0210	0.0058	15.5	2.5	3.6	0.8	0	0.2	H	*

(7h 45m)

I 6306

(7h 45m)



DA240, OBSERVATIONS OF GIANT RADIO GALAXIES

FIELD CENTER: $07^{\text{h}}45^{\text{m}}36.0^{\text{s}}$ $56^{\circ}02'59''$ (B1950)
 $07^{\text{h}}49^{\text{m}}38.0^{\text{s}}$ $55^{\circ}55'26''$ (J2000)
 ℓ : 161.80 b : 30.20

DATE: 1980/272 - 1980/272
 LIVETIME: 2743.6s
 ROLL ANGLE: -109.0°

NH: $4.6\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1877	1	07 45 09.6	55 45 59	50	0.0279	0.0046	43.0	7.0	6.1	0.9	300	17.3	H	AGN
1879	2	07 46 09.6	55 30 17	55	0.0209	0.0056	18.0	5.0	3.8	1.4	500	33.0	H	

(7h 46m)

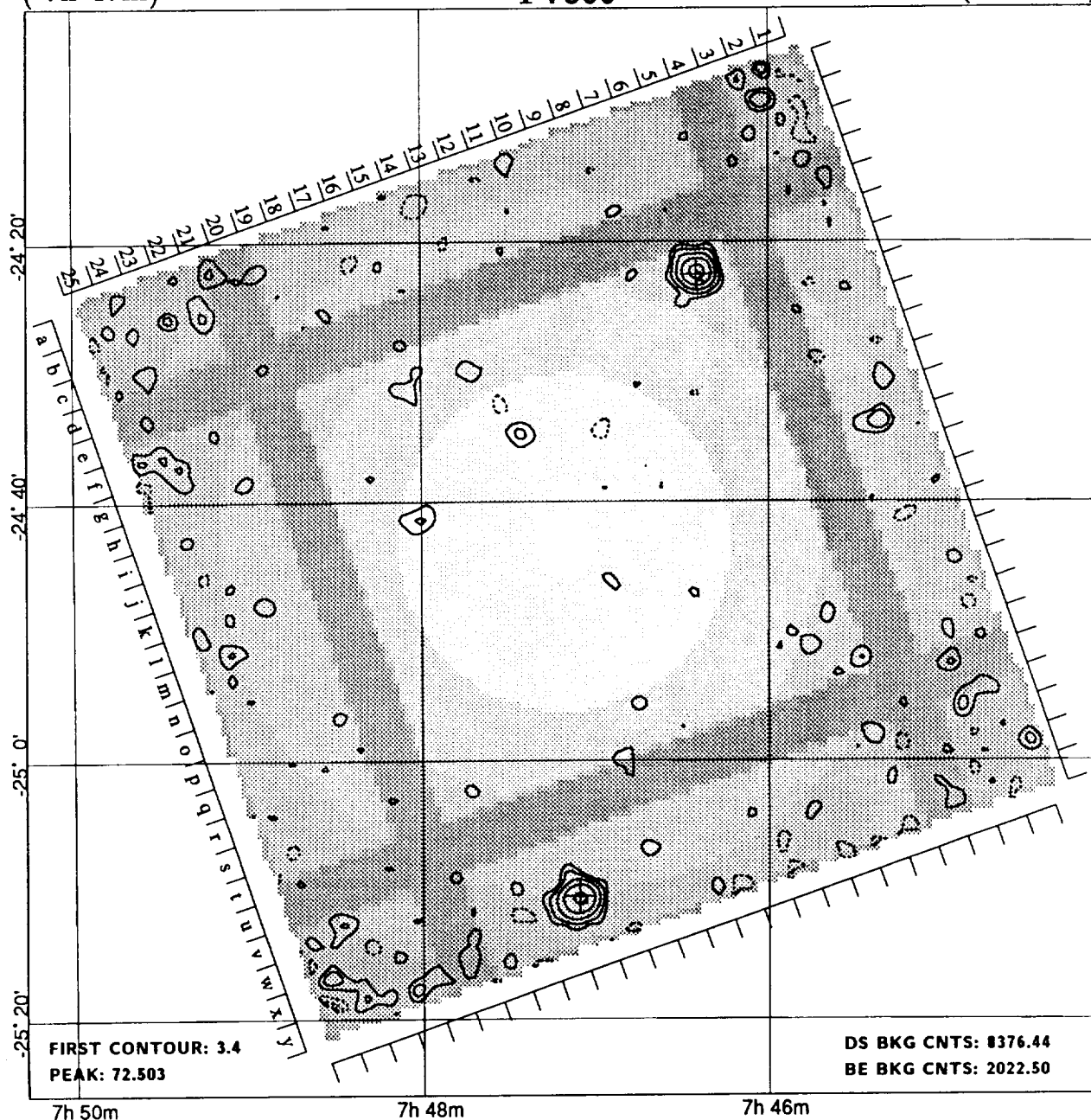


NH: 3.3E+20
REF/ID:
FIELD FLAGS:

(7h 47m)

I 7866

(7h 47m)



XI PUP, CORONAL ACTIVITY IN G STARS W/LARGE MASS LOSS

FIELD CENTER: $07^h 47^m 11.4^s$ $-24^\circ 43' 58''$ (B1950)
 $07^h 49^m 17.6^s$ $-24^\circ 51' 34''$ (J2000)
 $l: 241.45$ $b: 0.57$

DATE: 1980/122 - 1980/122
 LIVETIME: 6787.7s
 ROLL ANGLE: 70.9°

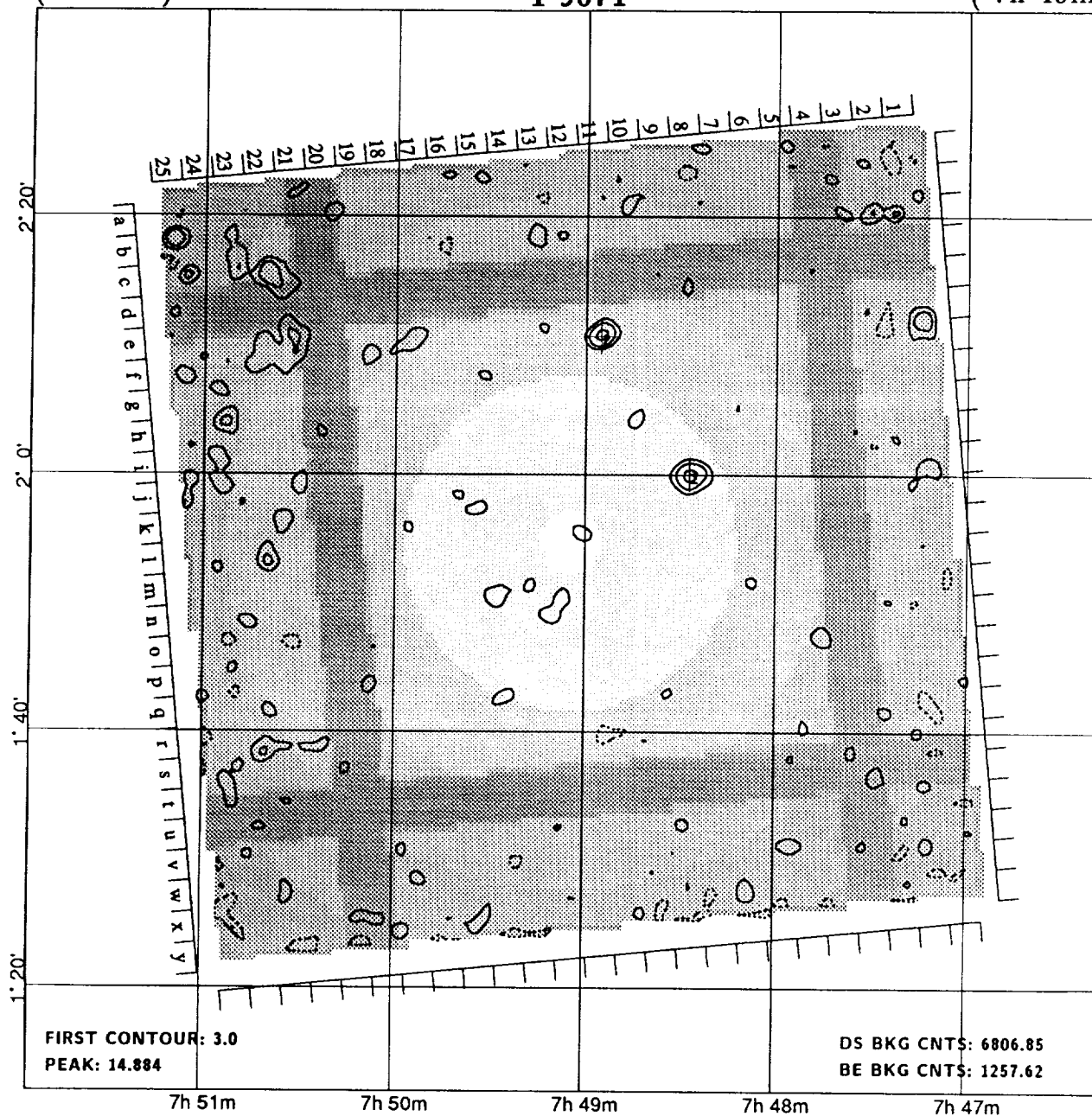
NH: $5.6E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1880	1	07 46 24.7	-24 22 30	47	0.0487	0.0042	151.8	19.2	11.6	1.0	100	23.9	H
1881	2	07 47 05.6	-25 10 28	48	0.0530	0.0047	141.4	18.6	11.2	1.1	0	26.6	H

(7h 49m)

I 9071

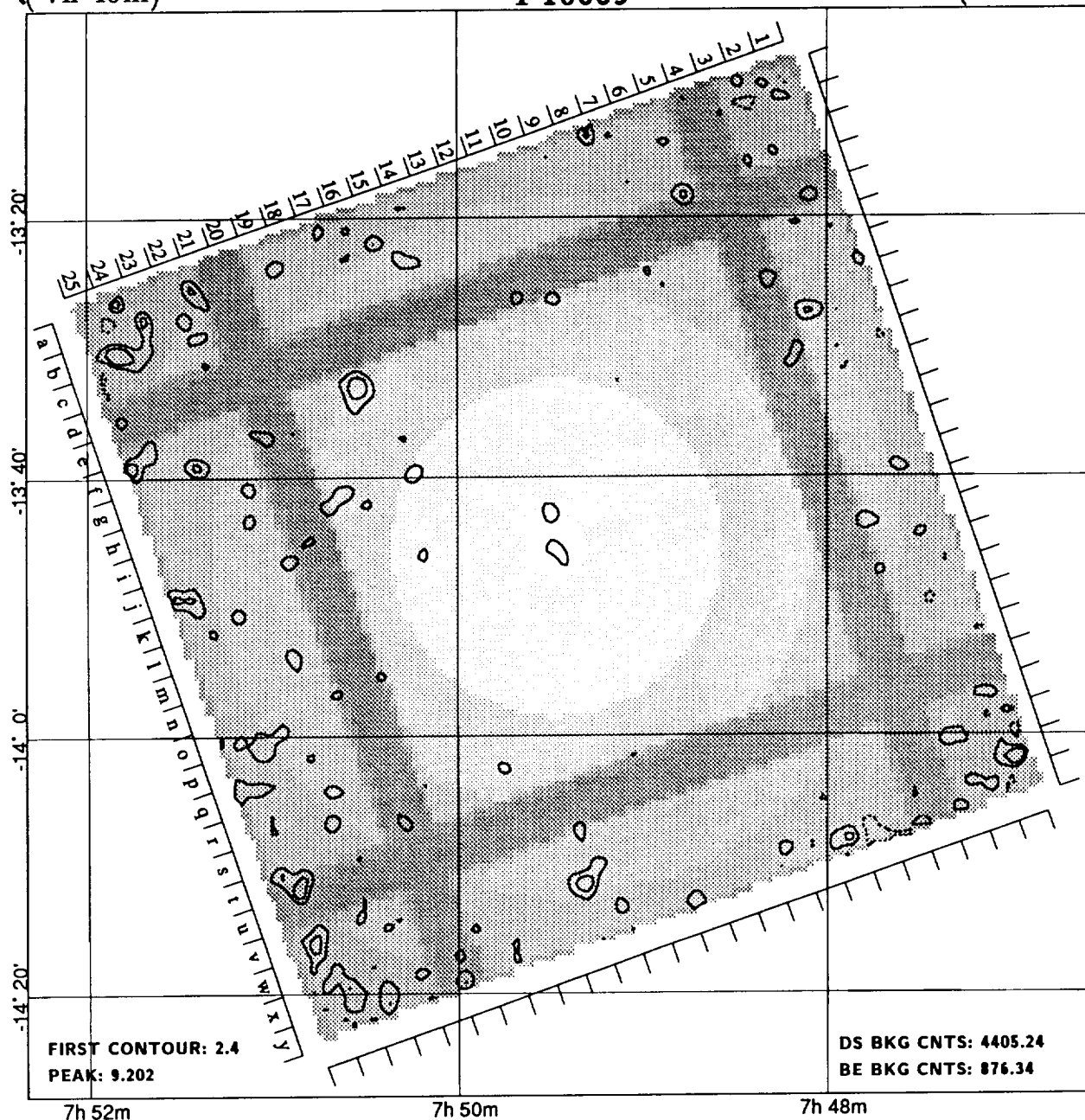
(7h 49m)



(7h 49m)

I 10669

(7h 49m)



Substitute target: HD 64096 (9 PUP), Coronal Emiss Young Stars

FIELD CENTER: $07^h 49^m 27.0^s$ $-13^\circ 45' 59''$ (B1950)
 $07^h 51^m 46.1^s$ $-13^\circ 53' 45''$ (J2000)
 l : 232.27 b : 6.62

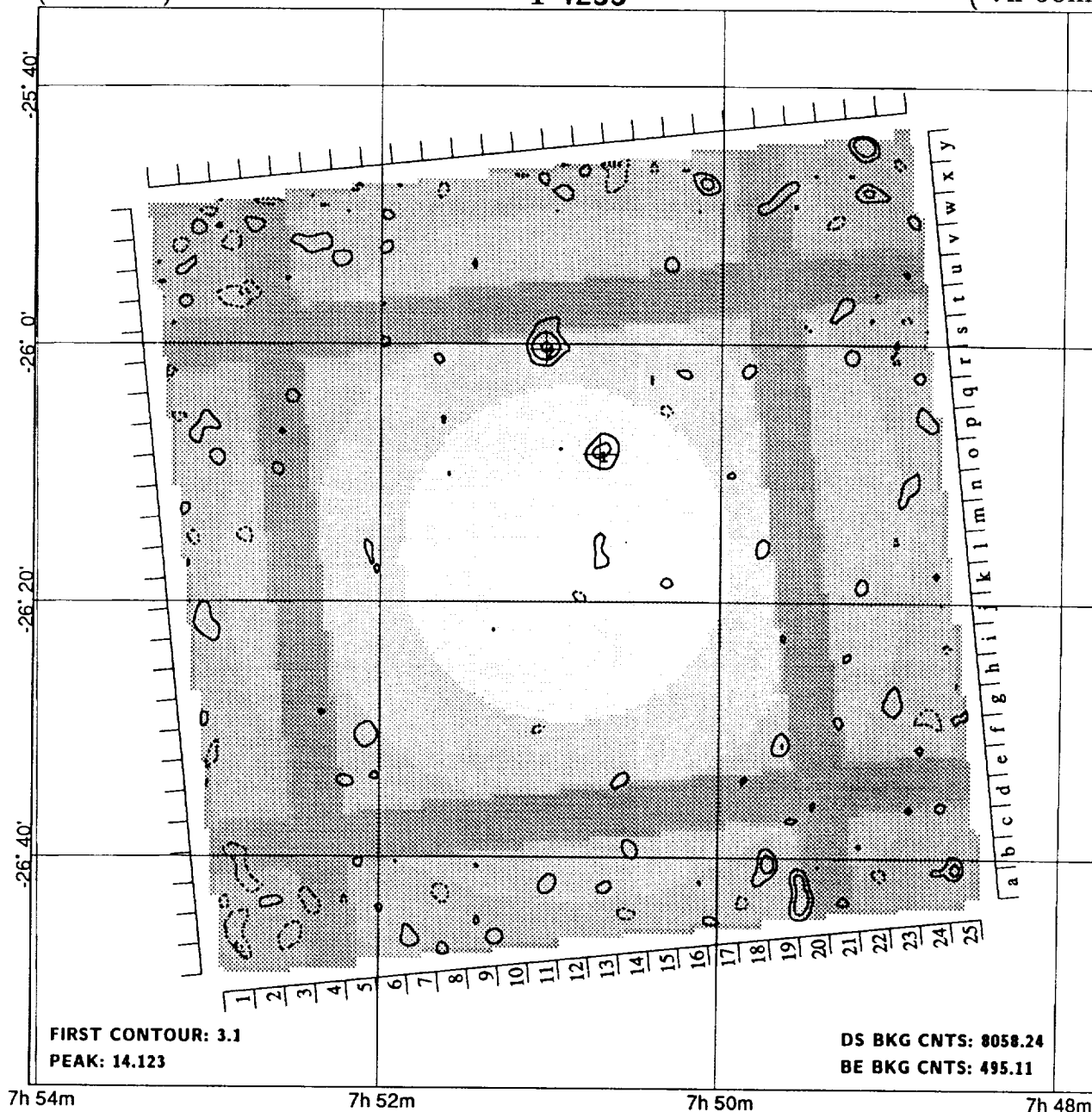
DATE: 1981/ 96 - 1981/ 96
 LIVETIME: 3569.7s
 ROLL ANGLE: 71.0°

NH: $2.0E+21$
 REF/ID: !
 FIELD FLAGS:

(7h 50m)

I 4235

(7h 50m)



OB ASSOCIATIONS: PUP OB1

FIELD CENTER: $07^h 50^m 54.0^s$ $-26^\circ 15' 59''$ (B1950)
 $07^h 52^m 58.5^s$ $-26^\circ 23' 50''$ (J2000)
 $l: 243.20$ $b: 0.50$

DATE: 1979/290 - 1979/290
 LIVETIME: 6529.8s
 ROLL ANGLE: -95.8°

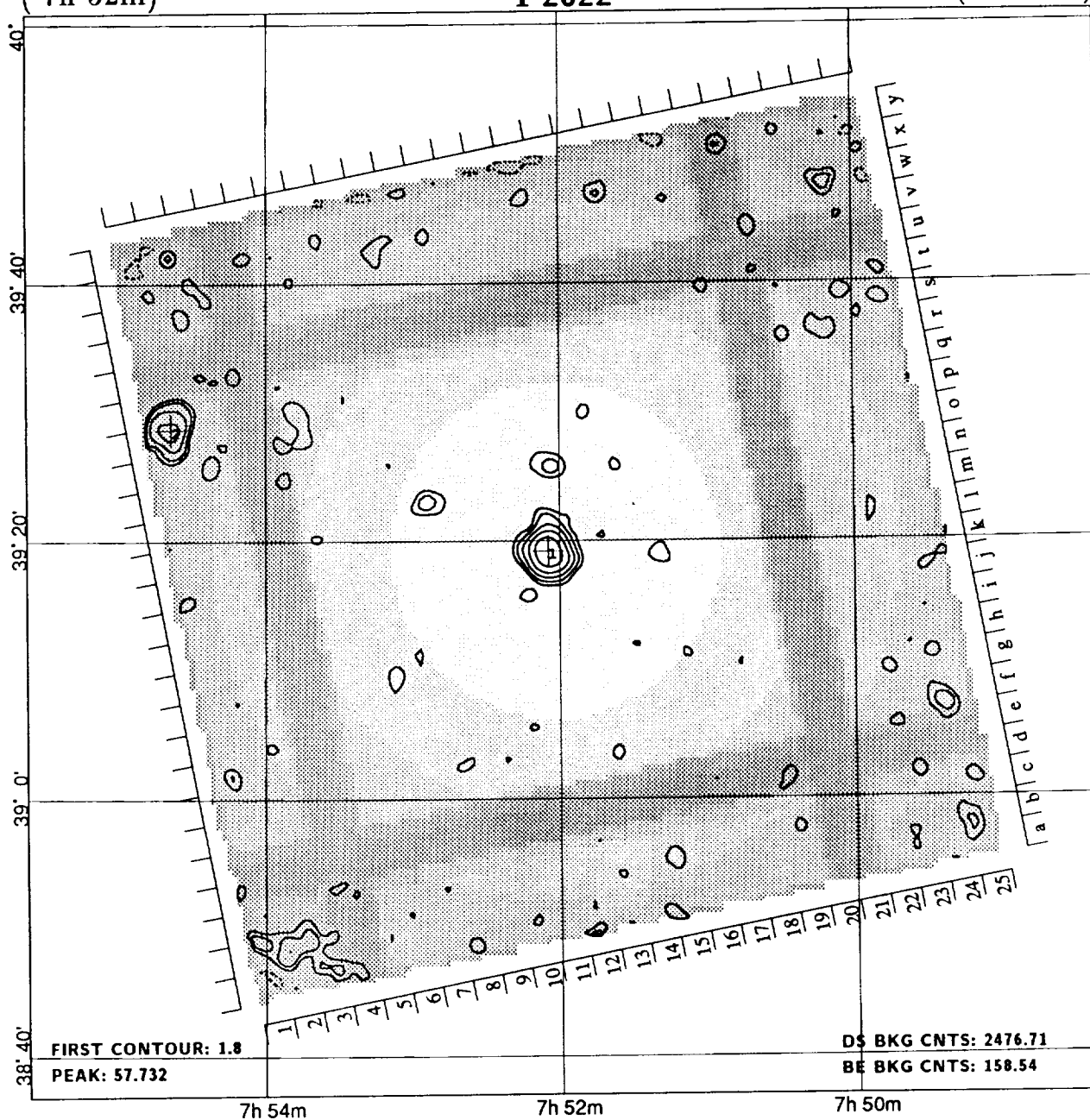
NH: $4.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1885	1	07 50 42.8	-26 08 34	43	0.0071	0.0016	31.8	17.2	4.5	0.9	0	7.7	H	
1886	2	07 51 01.9	-26 00 25	51	*0.0109	0.0020	40.8	16.2	5.4	0.9	602	15.7	H	

(7h 52m)

I 2622

(7h 52m)



SEYFERT GALAXY SURVEY: MKN 382:

FIELD CENTER: 07^h52^m00.0^s 39°18'59" (B1950)
 07^h55^m21.7^s 39°11'02" (J2000)
 ℓ : 180.97 b : 28.56

DATE: 1979/301 - 1979/301
 LIVETIME: 2007.0s
 ROLL ANGLE: -101.0°

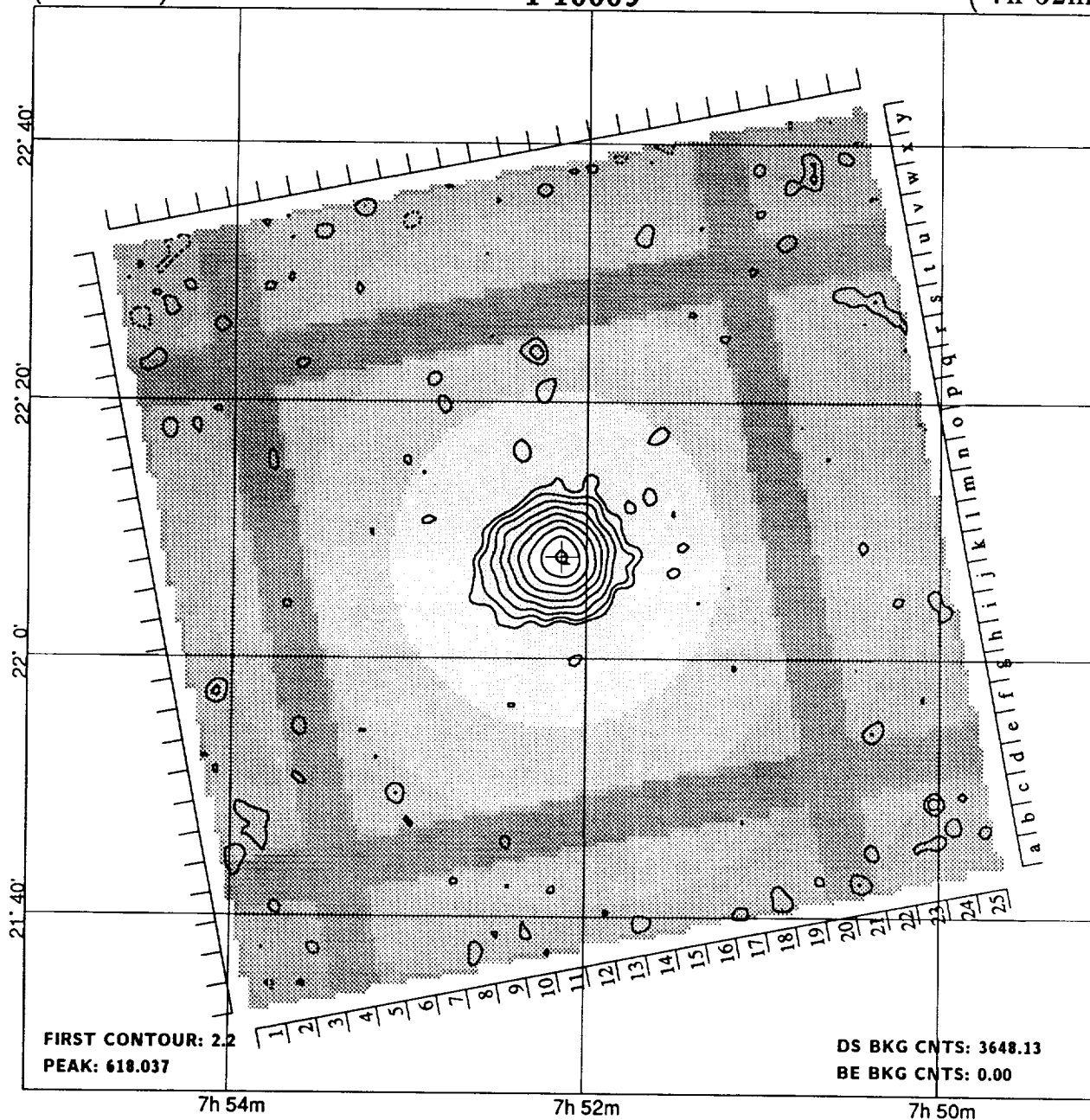
NH: 5.2E+20
 REF/ID: *
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1888	1	07 52 04.7	39 19 10	31	0.164	0.011	245.8	6.2	15.5	1.2	0	1.0	H	SY
1891	2	07 54 38.7	39 28 41	50	0.058	0.010	37.7	4.3	5.8	1.2	100	32.0	H	AGN

(7h 52m)

I 10009

(7h 52m)



SOFT OUTBURST SPECTRUM: U Gem

FIELD CENTER: 07^h52^m07.9^s 22°08'16" (B1950)
07^h55^m05.4^s 22°00'20" (J2000)
 ℓ : 199.22 b : 23.40

DATE: 1980/286 - 1980/286
LIVETIME: 2956.2s
ROLL ANGLE: -101.0°

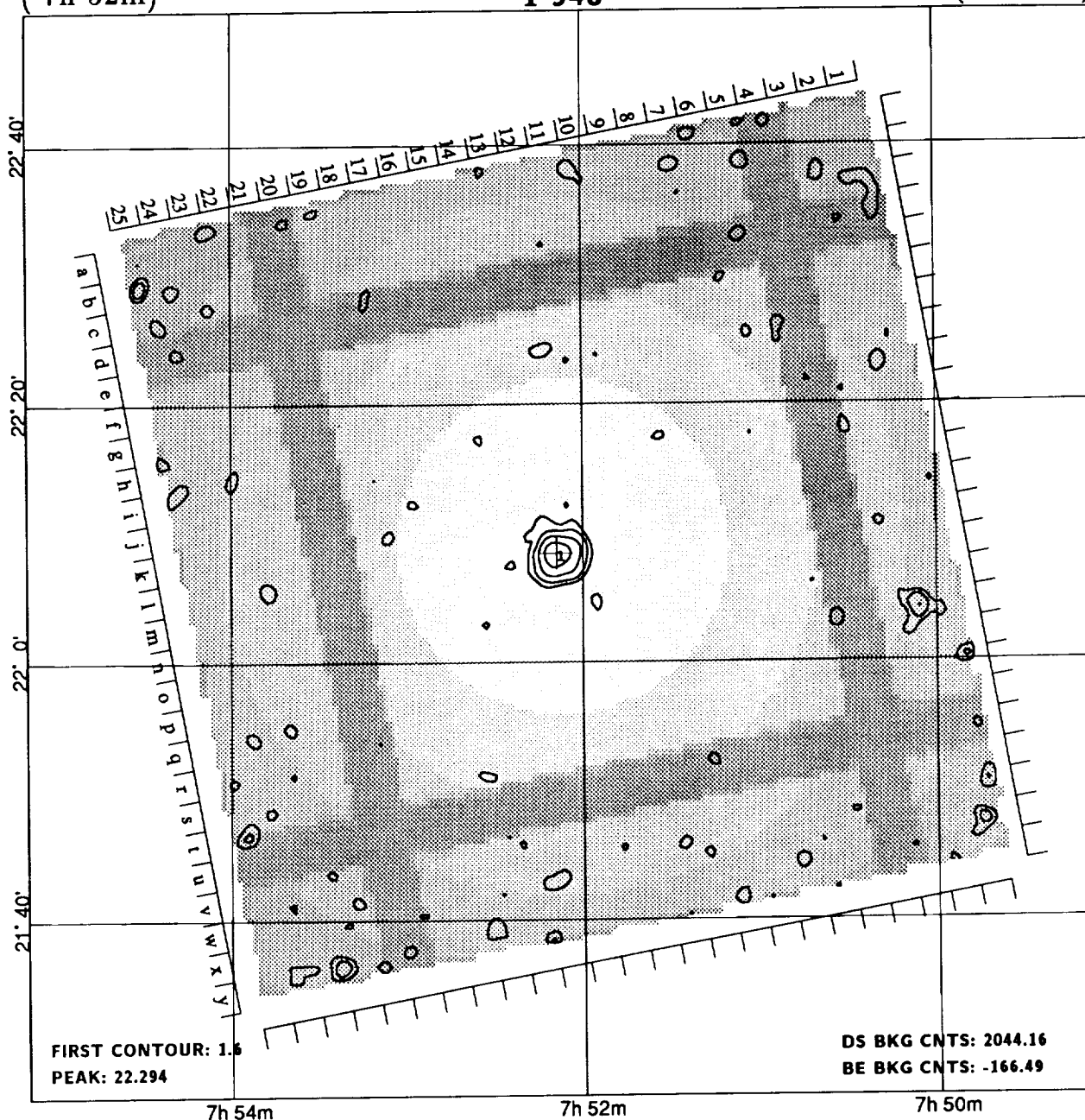
NH: 5.6E+20
REF/ID: CV
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1889	1L	07 52 08.5	22 08 00	31	0.871	0.029	1919.5	1027.5	29.5	2.1	0	0.3	A	S

(7h 52m)

I 948

(7h 52m)



FIELD CENTER: $07^h 52^m 08.0^s$ $22^\circ 08' 17''$ (B1950)
 $07^h 55^m 05.5^s$ $22^\circ 00' 21''$ (J2000)
 $l: 199.22$ $b: 23.40$

DATE: 1979/119 - 1979/119
 LIVETIME: 1656.4s
 ROLL ANGLE: 79.4°

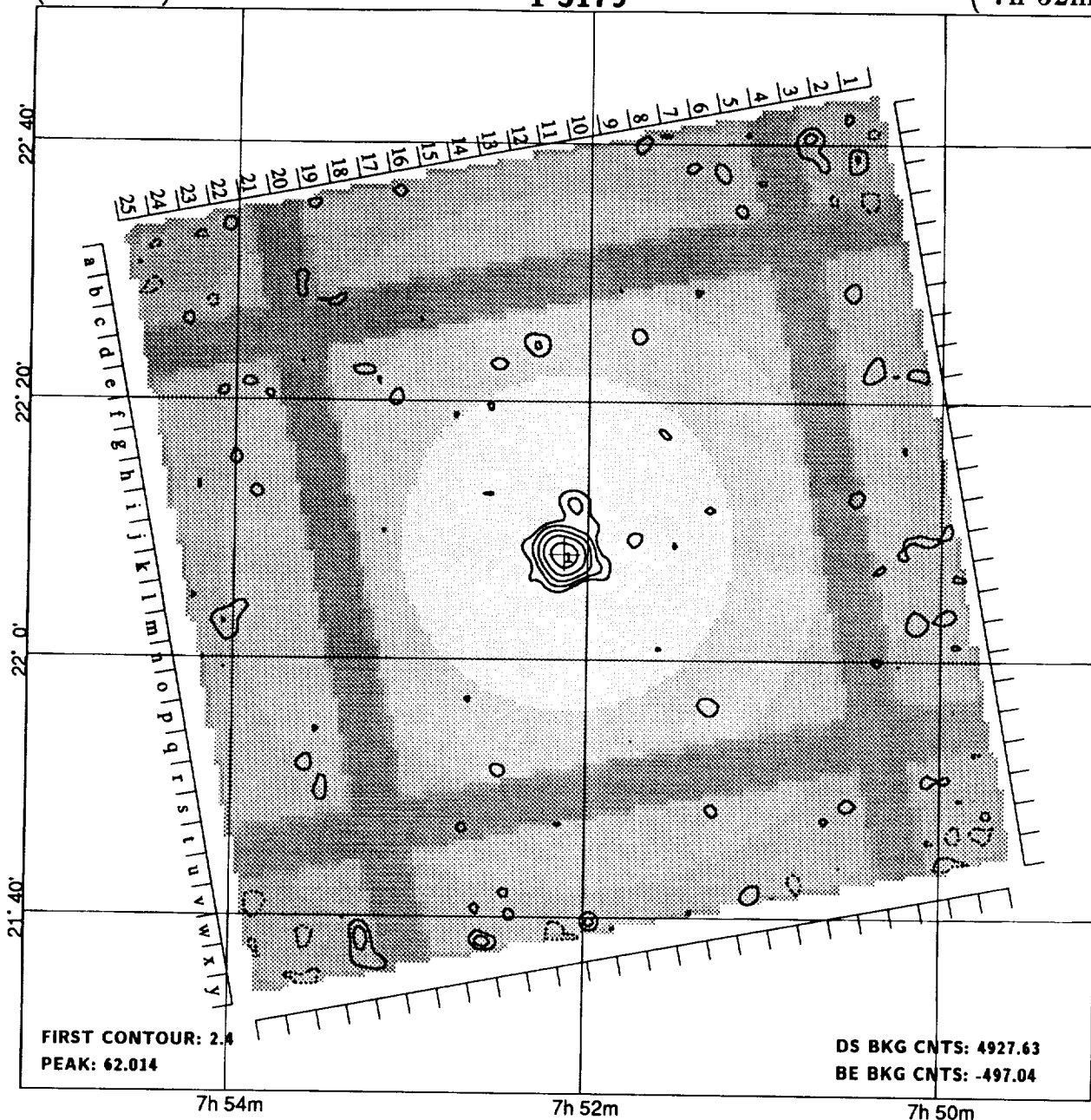
NH: $5.6E+20$
 REF/ID: CV
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1889	1	07 52 09.0	22 08 22	31	0.0708	0.0078	87.3	4.7	9.1	1.4	0	0.4	AH	S

(7h 52m)

I 3179

(7h 52m)



FIELD CENTER: 07^h52^m08.0^s 22°08'17" (B1950)
07^h55^m05.5^s 22°00'21" (J2000)
 ℓ : 199.22 b : 23.40

DATE: 1979/119 - 1979/119

NH: 5.6E+20

LIVETIME: 3993.0s

REF/ID: CV

ROLL ANGLE: 79.4°

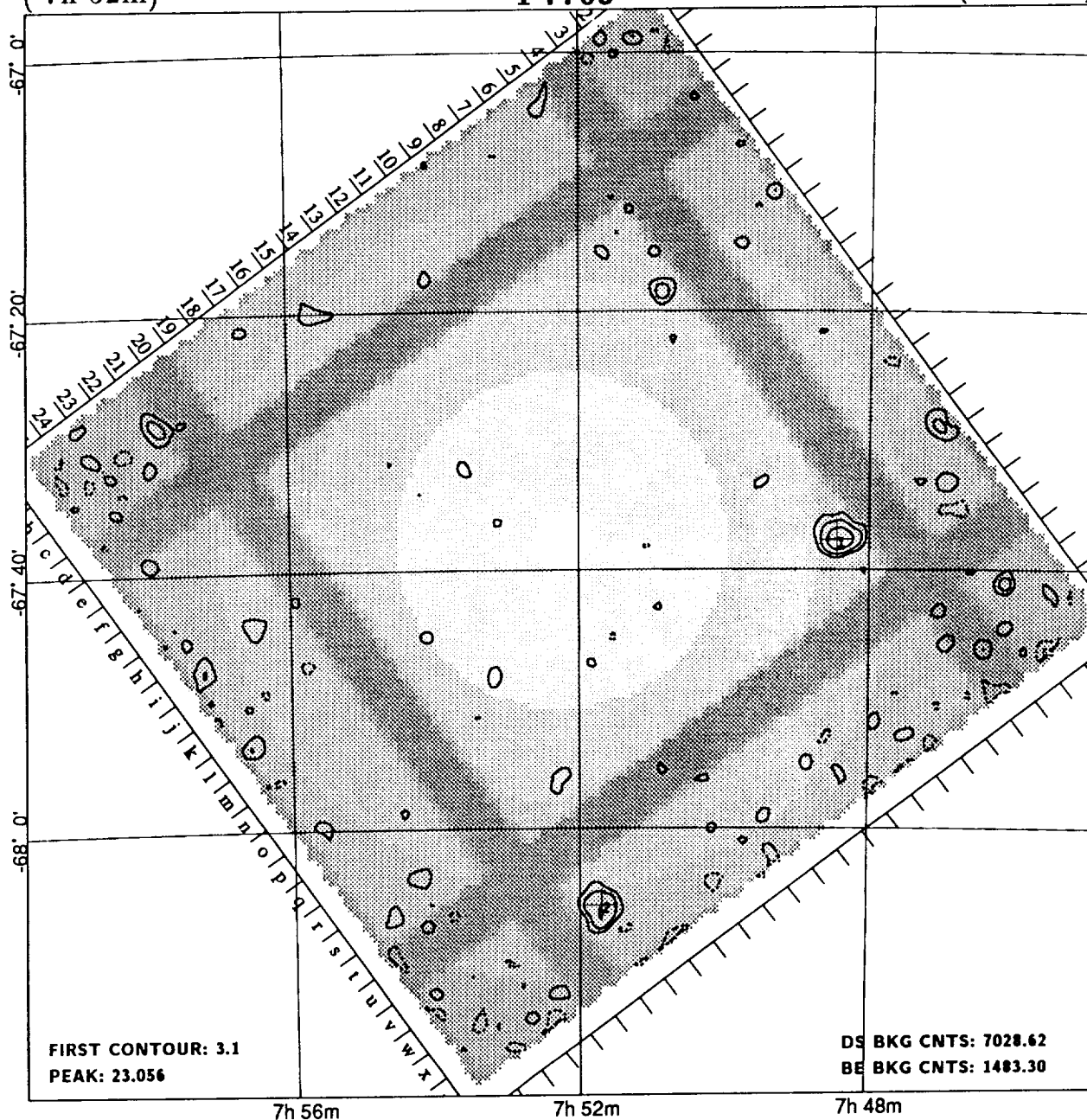
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1889	1	07 52 08.0	22 08 12	31	0.0909	0.0056	270.2	10.8	16.1	1.4	0	0.2	AH	S

(7h 52m)

I 7708

(7h 52m)



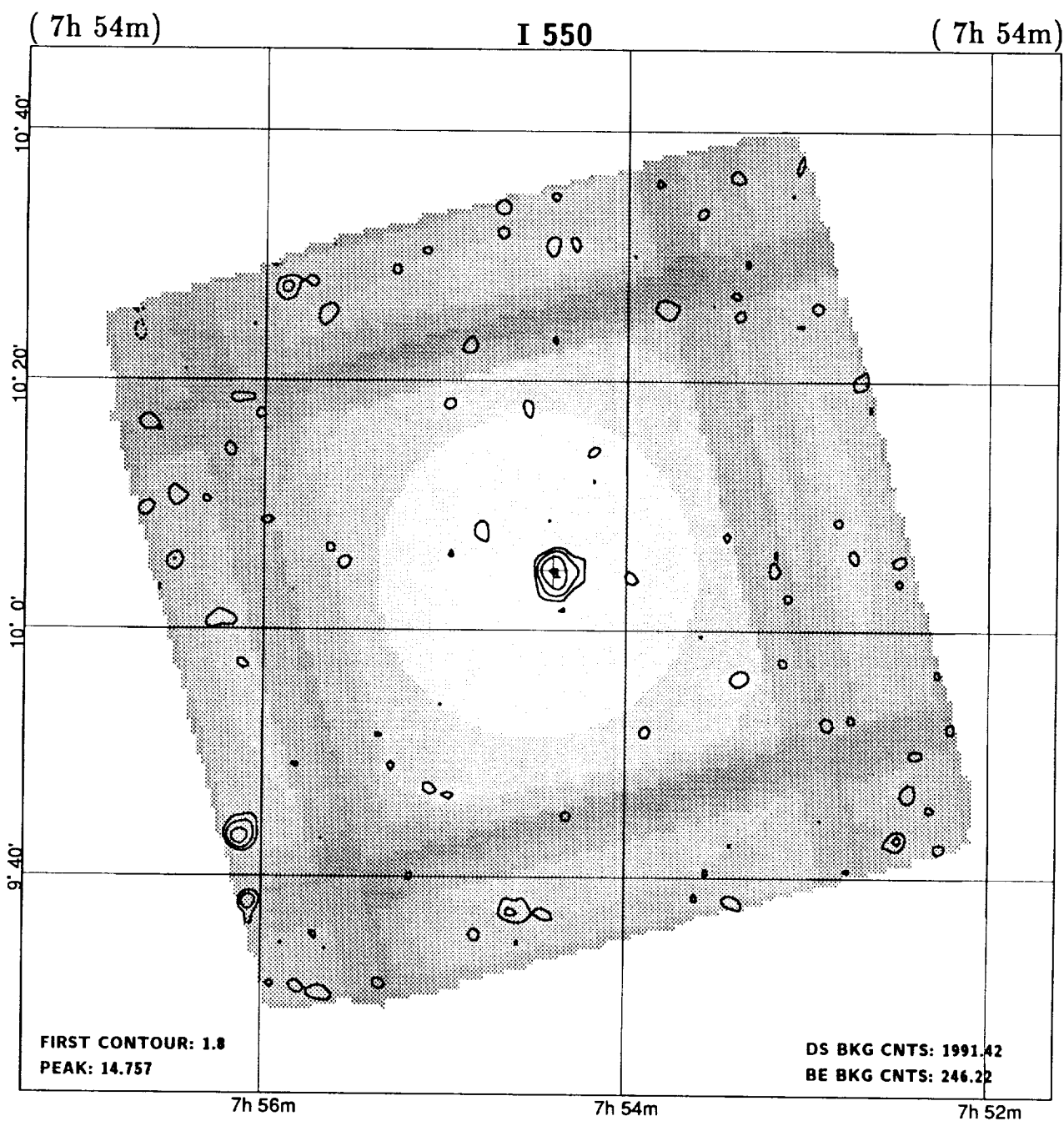
L97-12, NEARBY STARS

FIELD CENTER: $07^h 52^m 16.0^s$ $-67^\circ 38' 43''$ (B1950)
 $07^h 52^m 25.9^s$ $-67^\circ 46' 35''$ (J2000)
 $l: 280.16$ $b: -19.49$

DATE: 1980/143 - 1980/143
 LIVETIME: 5695.6s
 ROLL ANGLE: 53.9°

NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1882	1	07 48 26.7	-67 37 39	50	0.0203	0.0030	56.1	12.9	6.8	1.0	300	22.0	H	
1887	2	07 51 41.7	-68 05 57	52	0.0150	0.0032	32.1	13.9	4.7	1.0	100	27.2	H	



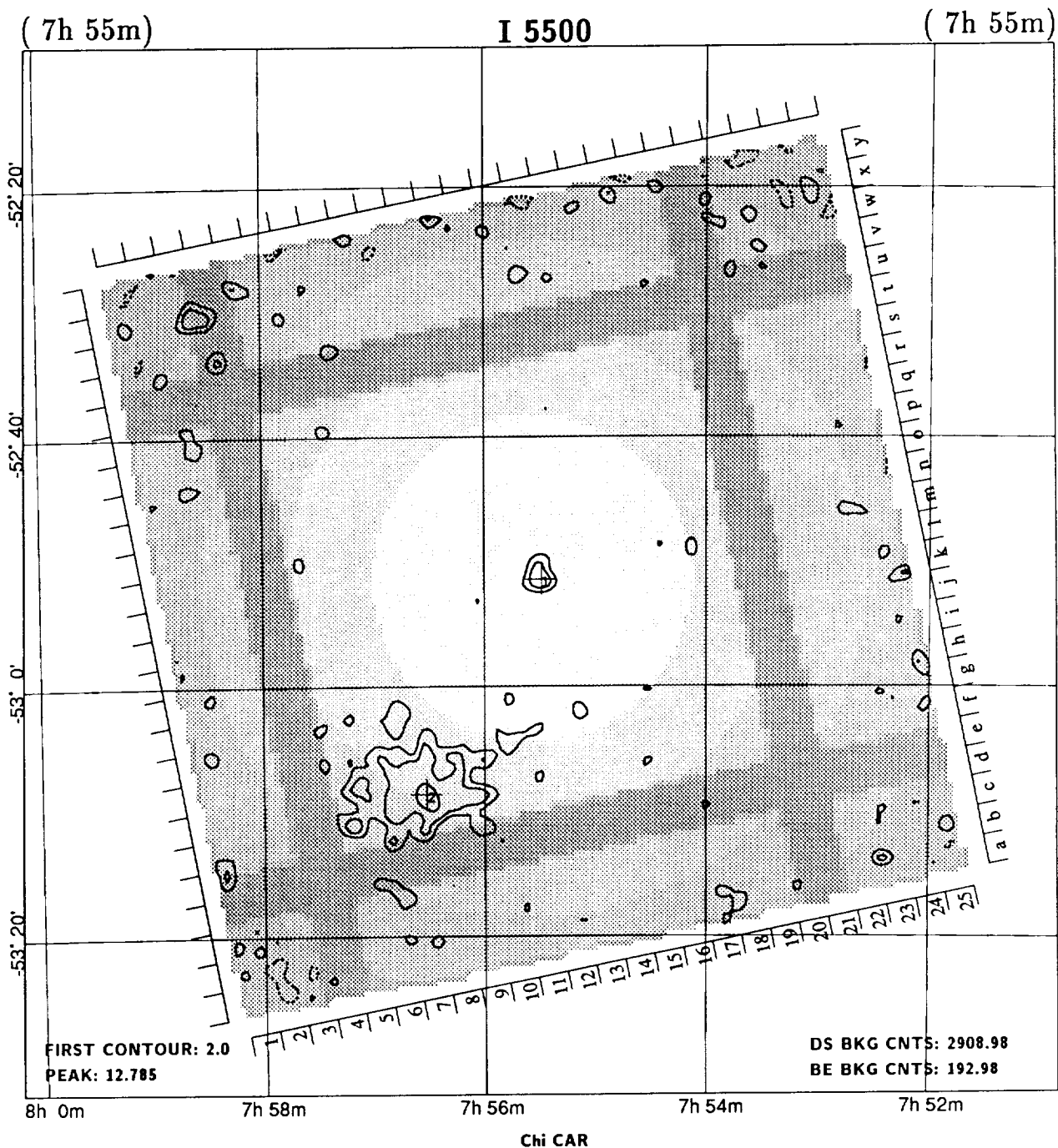
OI 090.4 QUASAR SURVEY

FIELD CENTER: 07^h54^m28.0^s 10°04'32" (B1950)
07^h57^m12.0^s 09°56'27" (J2000)
 l : 211.32 b : 19.08

DATE: 1979/117 - 1979/300
LIVETIME: 1613.7s

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1890	1	07 54 24.3	10 04 47	35	0.0478	0.0066	57.3	5.7	7.2	1.2	0	1.0	H	



FIELD CENTER: 07^h55^m30.4^s -52°50'50" (B1950)
07^h56^m46.8^s -52°58'57" (J2000)
 l : 266.68 b : -12.32

DATE: 1979/302 - 1979/302
LIVETIME: 2357.2s
ROLL ANGLE: -101.3°

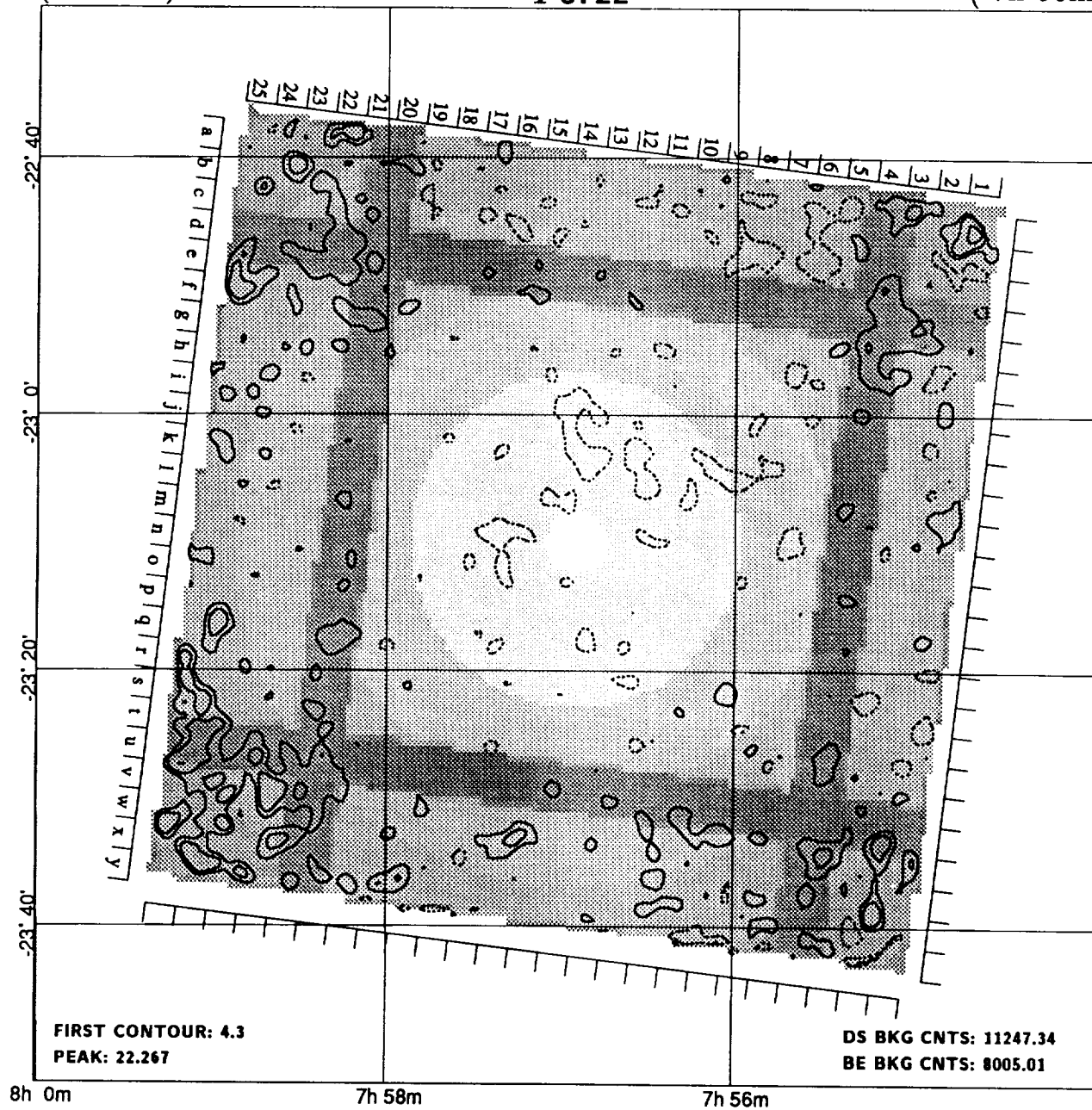
NH: 1.2E+21
REF/ID:
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1893	1	07 55 28.9	-52 51 23	36	0.0147	0.0033	25.9	8.1	4.4	0.8	0	0.2	H	S
1895	2	07 56 31.8	-53 08 41	51	0.0283	0.0052	34.7	6.3	5.4	5.0	0	20.0	H	

(7h 56m)

I 8722

(7h 56m)

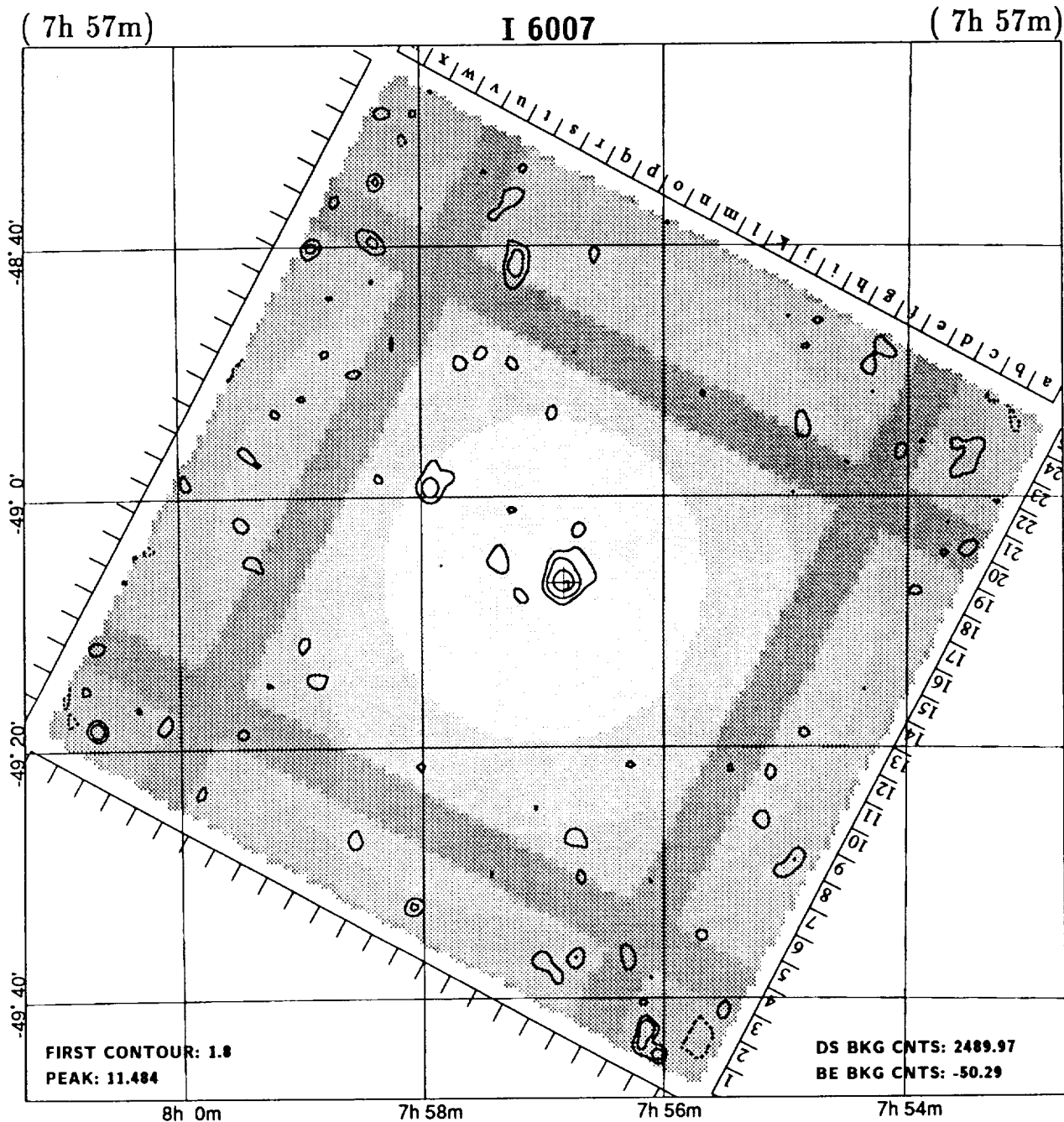


HR3123, BARIUM & CH STARS

FIELD CENTER: $07^h 56^m 57.0^s$ $-23^\circ 10' 23''$ (B1950)
 $07^h 59^m 05.7^s$ $-23^\circ 18' 37''$ (J2000)
 $l: 241.28$ $b: 3.29$

DATE: 1981/104 - 1981/106
 LIVETIME: 9114.0s
 ROLL ANGLE: 96.8°

NH: $2.7E+21$
 REF/ID:
 FIELD FLAGS: LP



Colliding Winds: HD 65818 (V PUP)

FIELD CENTER: 07^h57^m00.0^s -49°05'59'' (B1950)
07^h58^m26.4^s -49°14'12'' (J2000)
 l : 263.48 b : -10.25

DATE: 1979/355 - 1979/355
LIVETIME: 2017.7s
ROLL ANGLE: -151.9°

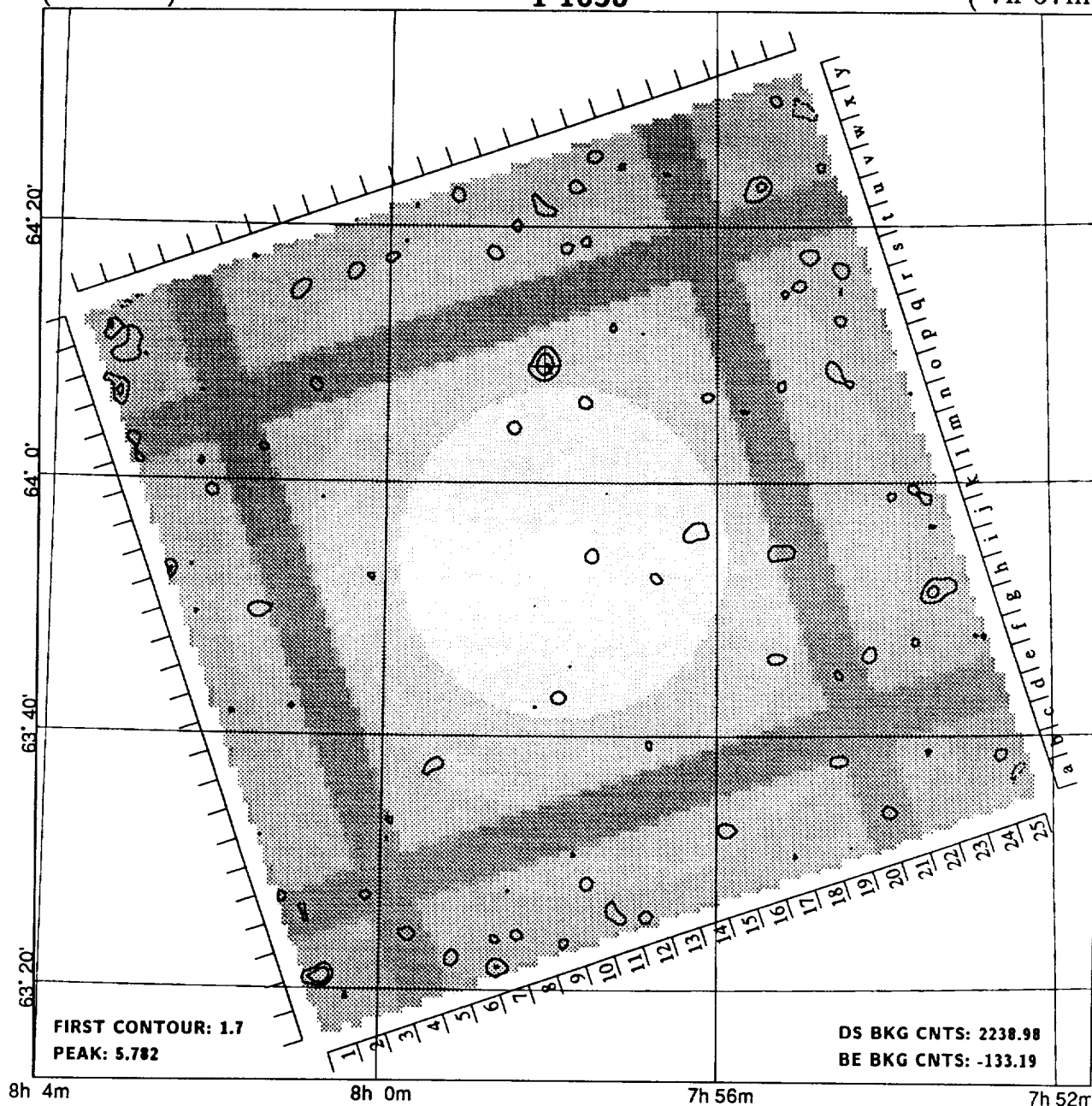
NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1896	1	07 56 49.5	-49 06 50	35	0.0309	0.0049	46.2	6.8	6.3	1.2	0	1.8	H	S

(7h 57m)

I 1838

(7h 57m)



A608: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: 07^h57^m48.0^s 63°54'59" (B1950)
08^h02^m19.5^s 63°46'38" (J2000)
 l : 152.66 b : 31.92

DATE: 1979/278 - 1979/278
LIVETIME: 1814.3s
ROLL ANGLE: -108.7°

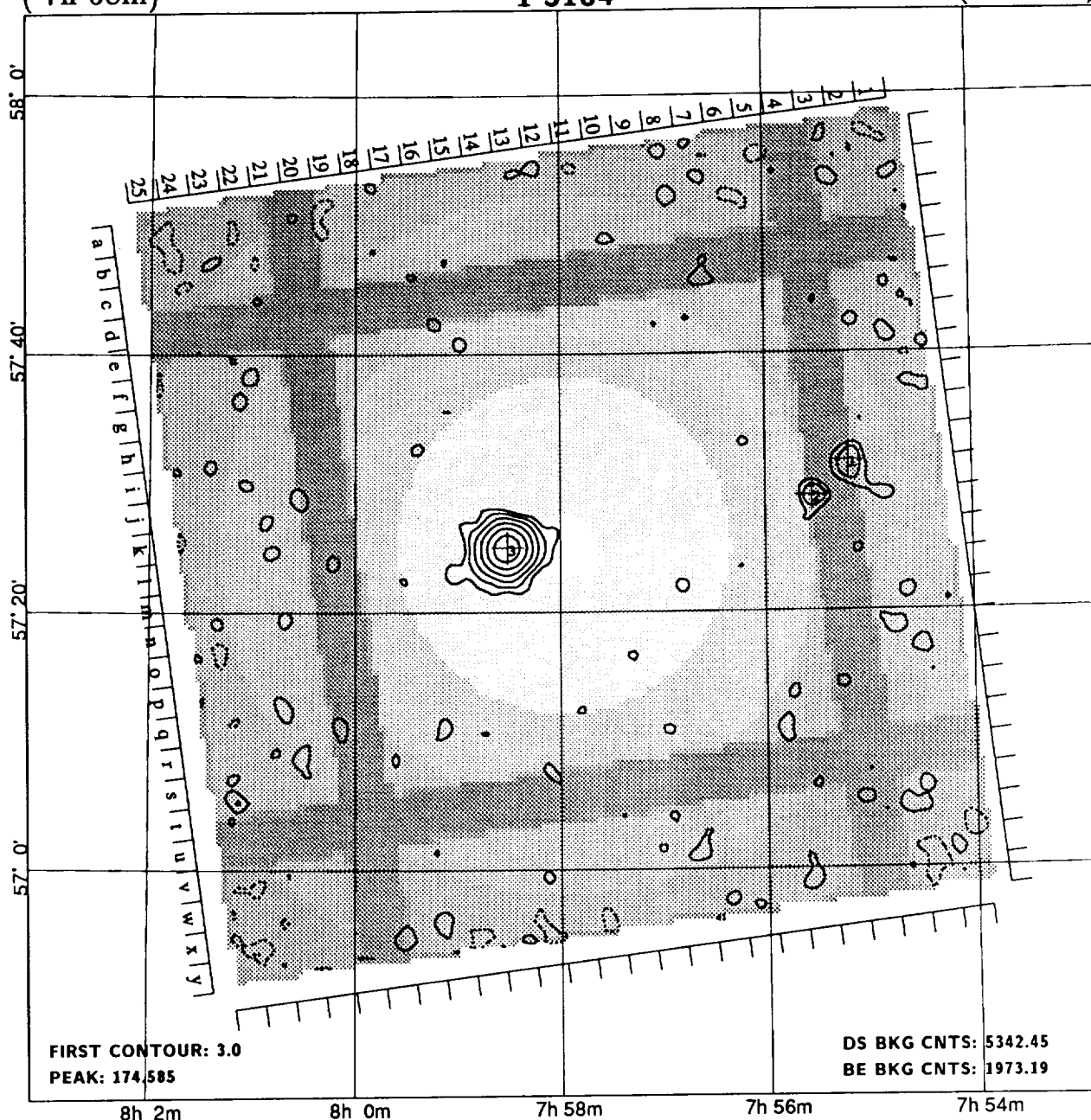
NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1898	1	07 58 06.2	64 09 08	47	0.0147	0.0042	15.8	4.2	3.5	0.7	0	14.4	H	

(7h 58m)

I 5184

(7h 58m)



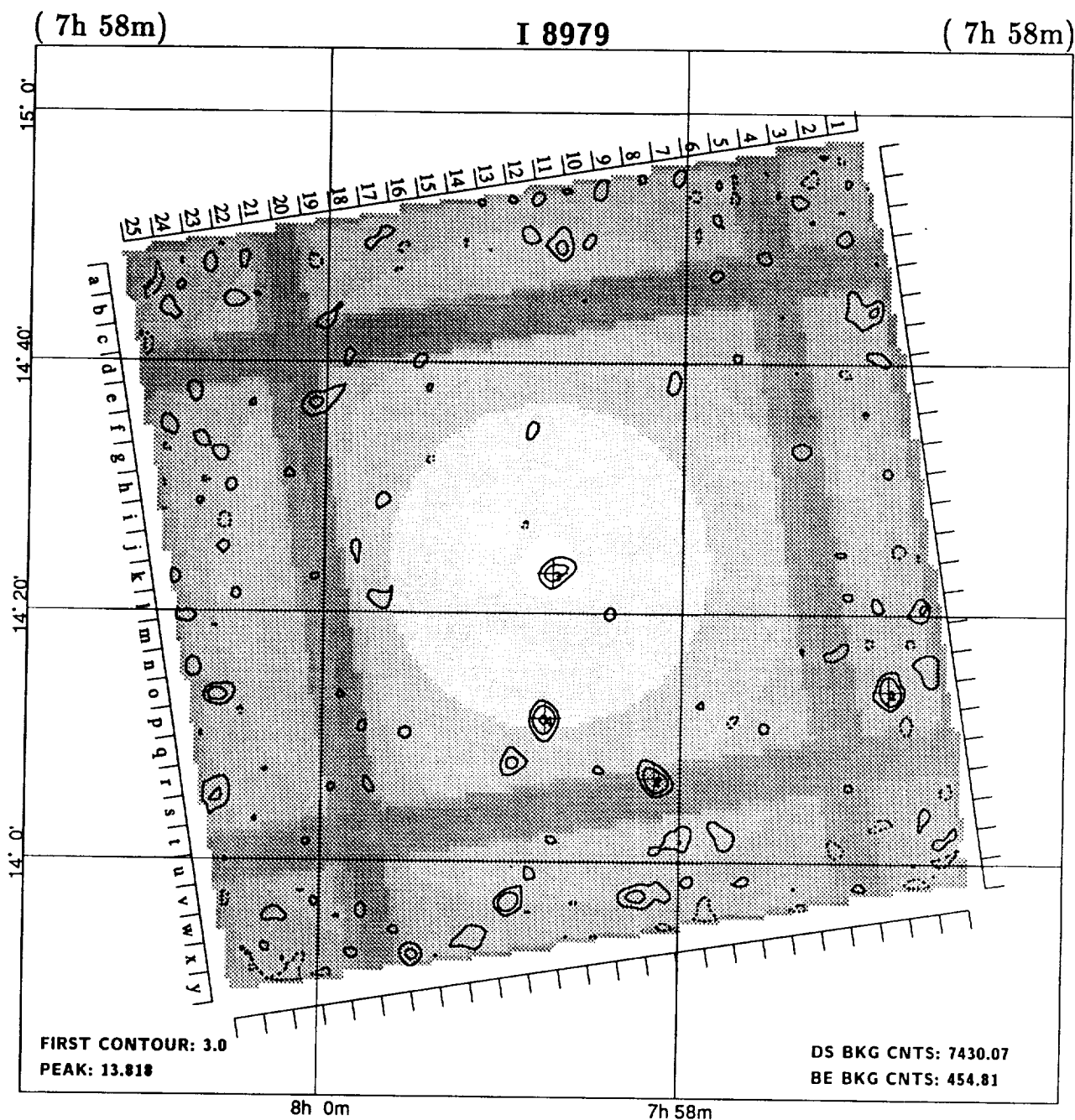
STAR 54 CAM, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: 07^h58^m00.0^s 57°24'29" (B1950)
08^h02^m04.0^s 57°16'08" (J2000)
ℓ: 160.33 b: 31.97

DATE: 1980/111 - 1980/111
LIVETIME: 4329.1s
ROLL ANGLE: 82.7°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
1892	1	07 55 11.6	57 31 35	55	*0.0138 0.0031	27.6	9.4	4.5	1.1	1007	23.8	
1894	2	07 55 32.8	57 28 56	53	*0.0103 0.0025	22.9	9.1	4.0	0.8	1007	20.4	H
1900	3	07 58 31.0	57 24 59	31	0.2277 0.0087	707.6	20.4	26.2	1.4	0	4.4	H S



RED QSO-II:3CR 190

FIELD CENTER: 07^h58^m45.1^s 14°23'03" (B1950)
08^h01^m33.6^s 14°14'42" (J2000)
 ℓ : 207.62 b : 21.84

DATE: 1981/ 86 - 1981/ 86
LIVETIME: 6020.8s
ROLL ANGLE: 81.0°

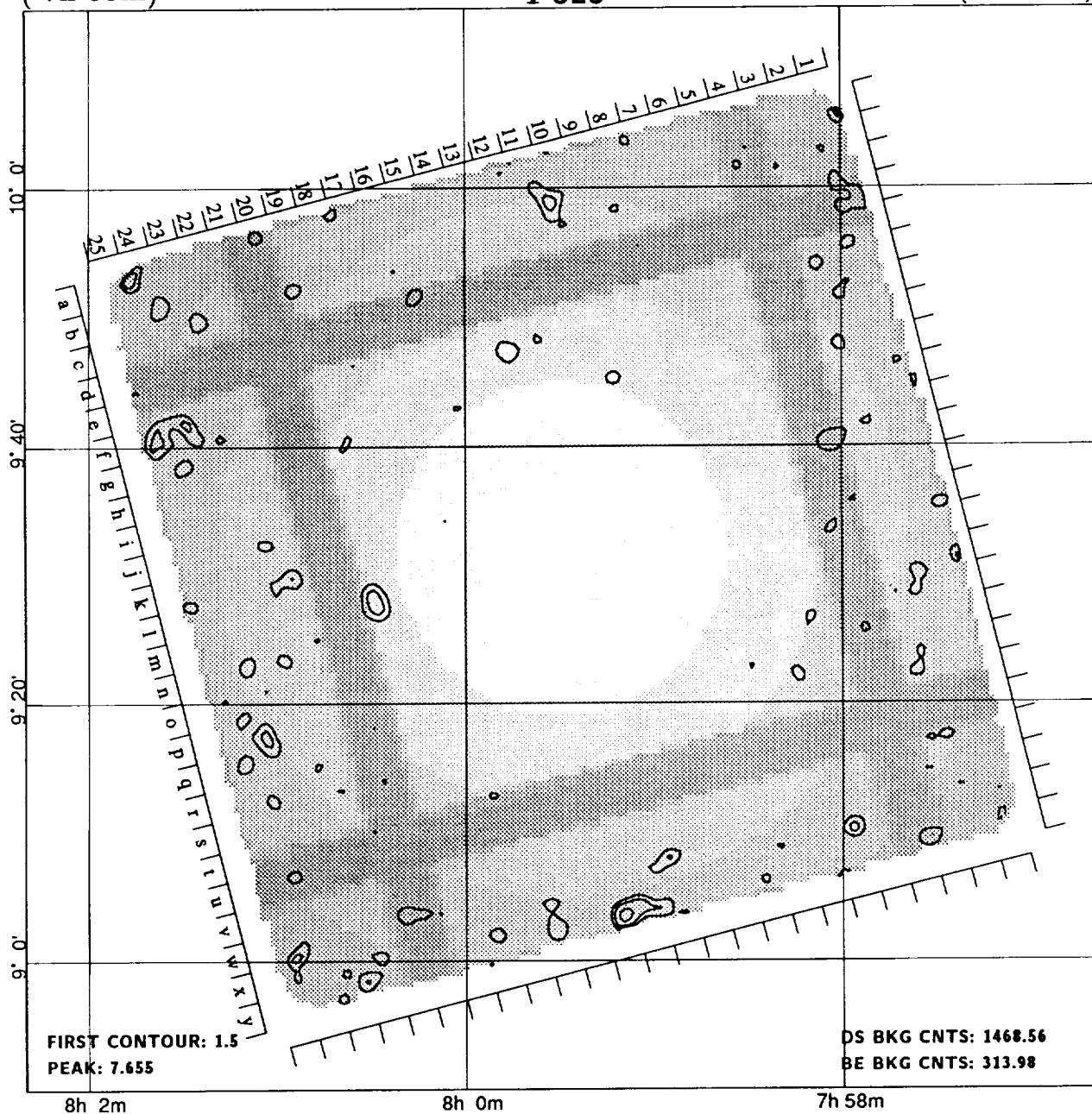
NH: 3.5E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1897	1	07 56 50.8	14 13 44	53	0.0111	0.0028	24.3	12.7	4.0	0.8	0	29.4		*
1899	2	07 58 08.6	14 06 40	51	*0.0093	0.0020	29.7	11.3	4.6	0.8	1009	18.5		*
1901	3	07 58 43.4	14 23 12	36	0.0070	0.0016	31.6	18.4	4.5	0.8	0	0.4	H	Q
1902	4	07 58 45.5	14 11 24	41	0.0100	0.0019	38.5	16.5	5.2	0.8	0	11.6		*

(7h 59m)

I 323

(7h 59m)



NGC 2508 GROUP

FIELD CENTER: 07^h59^m30.0^s 09°31'59" (B1950)
 08^h02^m13.3^s 09°23'35" (J2000)
 l : 212.41 b : 19.96

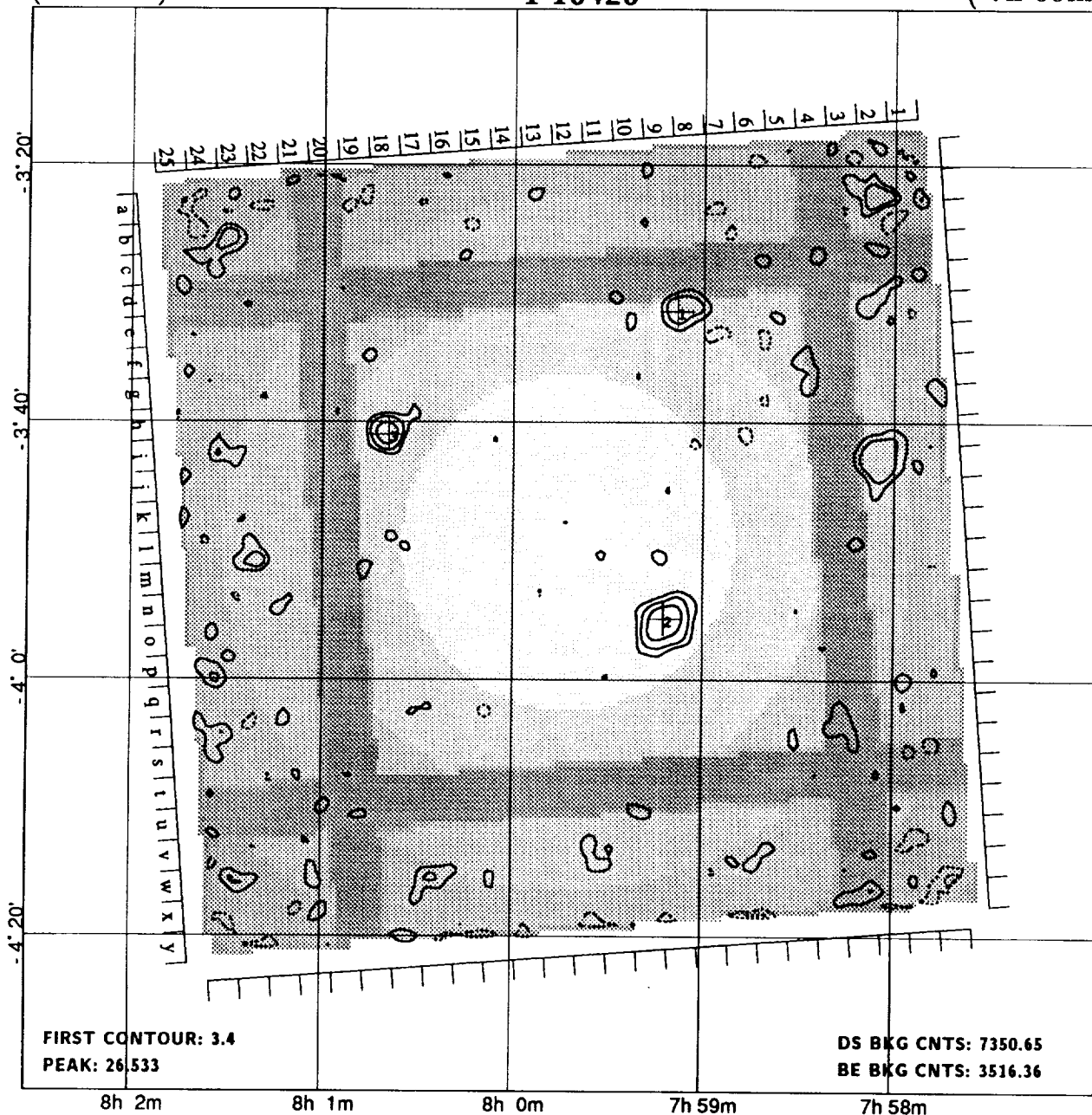
DATE: 1980/124 - 1980/124
LIVETIME: 1232.8s
ROLL ANGLE: 75.7°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

(7h 59m)

I 10420

(7h 59m)



BD-03 2179, SEARCH FOR EMISSION FROM HOT SUBDWARF STARS

FIELD CENTER: $07^h 59^m 44.0^s$ $-03^\circ 49' 59''$ (B1950)
 $08^h 02^m 13.8^s$ $-03^\circ 58' 24''$ (J2000)
 $l: 224.81$ $b: 13.79$

DATE: 1981/ 92 - 1981/ 92

NH: 5.1E+20

LIVETIME: 5956.4s

REF/ID:

ROLL ANGLE: 85.8°

FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID
1903	1L	07 59 08.4	-03 31 23	54	0.0116	0.0030	35.6	19.4	3.7	1.1	500	20.6	
1904	2L	07 59 12.3	-03 55 13	38	0.0214	0.0036	85.4	56.6	5.8	1.5	0	9.5	
1905	3L	08 00 39.3	-03 40 57	50	0.0186	0.0032	62.7	22.3	5.7	0.9	0	16.4	

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE April 1993		3. REPORT TYPE AND DATES COVERED Technical Memorandum
4. TITLE AND SUBTITLE Einstein Observatory Catalog of IPC X-Ray Sources Volume 3-Right Ascension Range 04h 00m to 07h 59m			5. FUNDING NUMBERS C NAS 8-30751	
6. AUTHOR(S) D.E.Harris, W.Forman, I.M.Gioia, J.A.Hale, F.R.Harnden Jr., C.Jones, T.Karakashian, T.Maccacaro, J.D.McSweeney, F.A. Primini, J.Schwarz, H.D.Tananbaum, and J.Thurman				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Smithsonian Institution Astrophysical Observatory 60 Garden Street, Cambridge, MA 02138			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) National Aeronautics and Space Administration Washington, DC 20546			10. SPONSORING/MONITORING AGENCY REPORT NUMBER NASA TM-108 401 Volume 3	
11. SUPPLEMENTARY NOTES The cdrom version of the catalog is available from NSSDC, GSFC/NASA, Code 633, Greenbelt, MD 20771 (request@NSSDCA.GSFC.NASA.GOV)				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Unclassified-Unlimited Subject Category 90			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) The Einstein Observatory (HEAO-2, launched November 13, 1978) achieved radically improved sensitivity over previous x-ray missions through the use of focusing optics, which simultaneously afforded greatly reduced background and produced true images. During its 2.5-yr mission, the Einstein X-Ray Telescope was pointed toward some 5,000 celestial targets, most of which were detected, and discovered several thousand additional "serendipitous" sources in the observed fields. This catalog contains contour diagrams and source data, obtained with the imaging proportional counter in the 0.16 to 3.5 keV energy band, and describes methods for recovering upper limits for any sky position within the observed images. The main catalog consists of six volumes (numbered 2 through 7) of right ascension ordered pages, each containing data for one observation. Along with the primary documentation describing how the catalog was constructed, volume 1 contains a complete source list, results for merged fields, a reference system to published papers and data useful for calculating upper limits and fluxes. A machine readable version of the catalog is available as a set of three CD-ROM (Compact Disk-Read Only Memory), and source information is also accessible via an on-line computer service.				
14. SUBJECT TERMS astronomy, Einstein Observatory, x-ray sources, catalogs, HEAO-2			15. NUMBER OF PAGES 715	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited	

